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FERTILIZER ANALYSES

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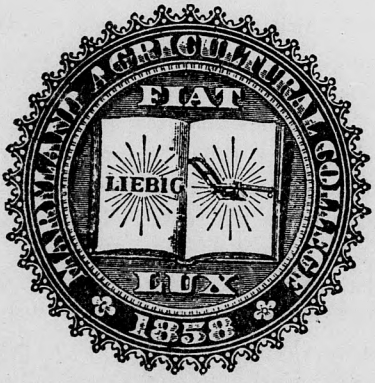

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ADDRESS

Chemical Department, Maryland Agricultural College

COLLEGE PARK, MD.

ANALYSES OF

Fertilizers Sold in Maryland

BY THE CHEMICAL DEPARTMENT OF

The Maryland Agricultural College

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from August, 1911, to January, 1912, inclusive.

The majority of the samples analyzed are obtained by our sampling agents, the samples being taken while the goods are in transit, on vessels, wharves, cars, or stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer, his name, or initials, will be found after the "place of sampling." If "place of sampling" is not given, the sample has been made up of two or more samples taken at different places. No sample is analyzed unless fully described on blanks furnished by this department. The description is not sent in, however, till after the analysis is reported.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid," are percentages, or pounds per hundred. To get pounds per ton multiply the per cent by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The "Comparative Value Found" is calculated from the results of analysis as found in our laboratory; the "Comparative Value Guaranteed" is calculated from the manufacturers' guaranteed analysis as printed on the bags; in each case using the schedule as given below.

Schedule for Calculating Comparative Values

In Mixed Fertilizers:

For Nitrogen, calculated as Ammonia	20 cts. per pound
For Potash (K_2O), in forms free from muriate	6 cts. per pound
For Potash (K_2O), as muriate or kainit	5 cts. per pound
For Available Phosphoric Acid	6 cts. per pound
For Insoluble Phosphoric Acid	2 cts. per pound
For Insoluble Phosphoric Acid when from rock	1 ct. per pound

In Dissolved Rock:

Available Phosphoric Acid	4½ cts. per pound
Insoluble Phosphoric Acid	1 ct. per pound

In Tankage:

For Nitrogen, calculated as Ammonia	15 cts. per pound
For Phosphoric Acid	3 cts. per pound

In Ground Bone:

For Nitrogen, calculated as Ammonia	20 cts. per pound
For Phosphoric Acid	3 cts. per pound

The "Comparative Values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use. They will be found to be not far from the prices for which fertilizers may be obtained at Baltimore, for cash. In making comparisons at other points freight from Baltimore should be added.

It should be noted that plant food costs more in low grade or "cheap" fertilizers than it does in high grade goods. Thus a 1-5-1 fertilizer (1 per cent of ammonia, 5 per cent of available phosphoric acid and 1 per cent of potash) will cost more than half as much as a 2-10-2 fertilizer, though it only contains half as much plant food. The demand for "cheap" fertilizer causes low grade material to be at premium, even when less efficient and less available than the same amount of actual plant food in the higher grade goods.

Farmers are advised to buy 16 per cent dissolved rock or acid phosphate, when possible. Do not expect to get the 16 per cent goods at the same price paid for the 14 per cent, however. The higher grade will cost about $1 per ton more. The cheapest filler is the soil in the field and the cheapest mixing machine is the harrow.

Low grade mixed fertilizers should be avoided, such as a fertilizer guaranteed to contain ¼ per cent Ammonia, 6 per cent Available Phosphoric Acid and 1 per cent of Potash. Such a fertilizer could be made as follows: 50 lbs. Ground Fish, 750 lbs. Dissolved Rock and 40 lbs. Muriate of Potash to the ton; this would necessitate the use of 1160 lbs. of filler in each ton.

In practice, however, such a fertilizer would be made of materials of low grade, as garbage tankage, kainit, etc., and would not require so much filler.

Avoid the "cheap" low grade fertilizers if you would avoid filler.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Amer. Agrl. Chem. Co., New York.	**N. Y.**										
23011	Big Crop Phosphate	Emmitsburg	.....	.....	5.27	5.00	.27	.....	8.32	8.00	$12.81	$12.20
23199	Bowkers Potash Fertilizer	Baltimore	.97	1.00	2.57	2.00	.70	.....	6.74	6.00	14.82	13.20
23194	Canton Chem. Sol. Phos. & Pot.	Baltimore	.....	.....	2.21	2.00	.65	.....	10.70	10.00	11.97	11.00
23101	Dead Shot Phosphate	Reisterstown	.58	.50	2.02	2.00	.75	.....	7.60	8.00	13.76	13.60
23206	Dissolved Animal Bone	Baltimore	2.66	2.50	.....	.....	2.32	.....	12.04	12.00	26.02	24.04
23012	Dissolved Bone and Potash	Woodsboro	.....	.....	2.14	2.00	1.35	1.00	9.73	10.00	11.17	11.20
23151	Excelsior Alkaline Bone	Baltimore	.....	.....	5.21	5.00	.60	.....	10.04	10.00	14.37	14.00
23102	Fine Ground Bone	Reisterstown	3.52	3.00	.....	.....	*23.74	*22.88	.....	.....	28.32	25.73
23014	Fish, Bone & Potash	Williamsport	1.43	1.50	3.07	3.00	.65	.....	8.71	8.00	19.50	18.60
22977	Gem Phosphate	Baltimore	.....	.....	3.05	3.00	.55	.....	6.67	6.00	9.16	8.40
23113	McComas High Grade Fertilizer	Bel Air	1.38	1.50	5.34	5.00	1.07	.....	6.61	6.00	19.22	18.20
23003	Pure Ground Bone	Baltimore	4.76	4.00	.....	.....	*20.21	*20.59	.....	.....	31.17	28.35
23172	Royal Alkaline Bone	Baltimore	.....	.....	4.08	4.00	.50	.....	11.04	10.00	14.12	13.00
23272	Special Mixture	Hagerstown (WHA)	3.31	4.00	4.16	4.00	.62	.....	10.01	10.00	29.66	32.00
23158	Special Potash Mixture	Baltimore	1.01	1.00	7.12	7.00	1.02	.....	9.07	9.00	22.45	21.80
22957	Square Deal Phosphate	Baltimore	1.77	2.00	4.24	4.00	.67	.....	8.78	8.00	22.13	21.60
23053	Top Notch Phosphate	Hampstead	1.86	2.00	5.45	5.00	.97	.....	8.45	8.00	23.42	22.60
	A. A. C. Co. (Canton), Balto., Md.											
23015	Baker's Dissolved S. C. Phosphate	Thurmont	.....	.....	.....	.....	.42	.....	14.87	14.00	13.46	12.60
23016	Baker's Sp. Wh't. Corn & Gr. Mix	Emmitsburg	.89	1.00	1.90	2.00	.90	.....	9.40	9.00	17.10	16.80
23195	Baker's Standard H. G. Guano	Baltimore	2.53	2.50	3.08	3.00	1.70	.....	8.02	8.00	23.50	22.60
23013	Eagle Phosphate	Emmitsburg	1.01	1.00	1.05	1.00	.85	.....	7.28	7.00	14.17	13.40
23017	Harrow Brand Crop Grower	Thurmont	1.02	1.00	1.19	1.00	.67	.....	8.34	8.00	15.55	14.60
23103	Resurgam Guano	Reisterstown	1.09	1.00	3.94	4.00	1.05	.....	8.64	8.00	$19.09	$17.60
23159	Soluble Alkaline Phosphate	Baltimore	.....	.....	3.10	3.00	.52	.....	12.23	12.00	14.21	13.80
23018	Soluble Phosphate & Potash	Thurmont										

23017	Harrow Brand Crop Grower.....	Thurmont.....	1.02	1.00	1.19	1.00	.67	.....	8.34	8.00	15.55	14.60
23103	Resurgam Guano.....	Reisterstown.....	1.09	1.00	3.94	4.00	1.05	.....	8.64	8.00	$19.09	$17.60
23159	Soluble Alkaline Phosphate.....	Baltimore.....	.....	.....	3.10	3.00	.52	.....	12.23	12.00	14.21	13.80
23018	Soluble Phosphate & Potash.....	Thurmont.....	.....	.....	2.03	2.00	.45	.....	10.01	10.00	11.13	11.00
	A. A. C. Co. (Detrick) Baltimore, Md.											
23173	Corn and Oats Fertilizer.....	Baltimore.....	1.06	1.00	2.90	3.00	1.07	.....	9.48	9.00	18.95	17.80
23008	Dissolved S. C. Phosphate.....	Baltimore.....	.....	.....	.....	..	.30	.....	13.58	14.00	12.28	12.60
23174	Gold Eagle.....	Baltimore.....	2.85	3.00	7.02	6.00	.62	.....	6.01	6.00	24.88	25.20
23110	Kangaroo Komplete Kompound..	Singerly.....	2.04	2.00	3.59	3.00	.75	.....	8.19	8.00	21.88	20.60
23111	Paragon Ammoniated Phosphate.	Singerly.....	.89	1.00	1.27	1.00	1.10	.....	7.36	7.00	14.10	13.40
23137	P. & B. Special Fertilizer.....	Baltimore.....	.....	.....	3.14	3.00	1.20	.....	12.36	12.00	14.50	13.80
23054	Soluble Phosphate and Potash...	Melrose.....	.....	.....	2.11	2.00	.30	.....	10.25	10.00	11.40	11.00
23125	Special Mixture.....	Middletown.....	1.01	1.00	1.09	1.00	1.32	.....	7.89	8.00	15.13	14.60
23112	Standard Potash Fertilizer.....	Singerly.....	1.59	1.50	5.04	5.00	.70	.....	6.16	6.00	19.07	18.20
23265	Victory Alkaline Bone.....	Bartholows (WEM)	.....	.....	5.39	5.00	.80	.....	12.02	12.00	16.37	15.80
	A. A. C. Co. (Lazaretto) Baltimore, Md.											
23223	Ammoniated Phosphate.....	Baltimore.....	.94	1.00	2.32	2.00	.90	.....	8.89	8.00	17.11	15.60
23260	Corbett's Mixture.....	Cecilton.....	.....	.....	5.71	5.00	.25	.....	12.36	12.00	16.88	15.80
23167	Crop Grower.....	Baltimore.....	1.84	2.00	2.01	2.00	1.27	.....	9.12	8.00	20.82	19.60
23104	Dissolved Phosphate.....	Cockeysville.....	.....	.....	.....	.....	.87	.....	14.16	14.00	12.91	12.60
23019	Dissolved Phosphate & Potash...	Williamsport.....	.....	.....	2.37	2.00	.25	.....	10.02	10.00	11.44	11.00
23010	Dissolved Phosphate & Potash...	Cumberland.....	.....	.....	2.19	2.00	.45	.....	9.07	8.00	10.44	9.20
23105	Excelsior A. A. A.....	Glen Morris.....	.90	1.00	1.22	1.00	.90	.....	7.21	7.00	13.83	13.40
23089	Forsythe & Linthicum Mixture..	Brookeville.....	2.15	2.25	4.18	4.00	5.45	4.50	7.45	9.00	23.90	25.60
23020	H. G. Dis. Phosphate & Potash..	Williamsport.....	.....	.....	5.12	5.00	.22	.....	12.50	12.00	16.41	15.80
23143	High Grade Phosphate & Potash.	Baltimore.....	.....	.....	5.16	5.00	.65	.....	10.38	10.00	14.63	14.00
22958	Retriever Animal Bone Fertilizer	Baltimore.....	2.26	2.25	4.09	4.00	3.70	4.50	9.97	9.00	26.57	25.60
23021	Special Wheat & Grass Fertilizer	Williamsport.....	1.01	1.00	3.72	4.00	1.00	.....	8.74	8.00	18.65	17.60
23090	Wheat, Corn and Grass Grower..	Rockville.....	.65	.50	2.16	2.00	.62	.....	8.47	8.00	15.17	13.60
	A. A. C. Co. (Maryland) Baltimore, Md.											
23186	Ammoniated Phosphate.....	Baltimore.....	1.93	2.00	3.03	3.00	1.50	.....	8.09	8.00	21.06	20.60
23093	Dissolved S. C. Phosphate.....	Baltimore.....	.....	.....	.....	.....	.75	.....	14.44	14.00	13.15	12.60
23126	Magic Guano.....	Paramount.....	.90	1.00	2.17	2.00	1.25	.....	9.11	9.00	17.20	16.80
	A. A. C. Co. (Nickerson) Easton, Md.											
23218	Alkaline Bone and Potash.....	Baltimore.....	.....	.....	2.07	2.00	.55	.....	10.42	10.00	11.56	11.00
23138	Dissolved Bone and Potash.....	Baltimore.....	.....	.....	5.07	5.00	.72	.....	13.61	12.00	17.46	15.80
23094	English Mixture.....	Baltimore.....	1.01	1.00	2.03	2.00	1.02	.....	8.19	8.00	16.31	15.60
	A. A. C. Co. (Packers Union) Rutland, Vt.											
23096	Banner Wheat Grower.....	Baltimore.....	.....	.....	1.63	2.00	1.70	.....	10.40	10.00	11.33	11.00

*Tota Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	A. A. C. Co. (Susquehanna) Balti	**more, Md.**										
23004	Ammoniated Phosphate	Baltimore	1.86	2.00	2.08	2.00	.65	.....	8.87	8.00	$20.42	$19.60
23152	Animal Phosphate	Baltimore	2.05	2.00	2.31	2.00	3.85	.....	9.20	9.00	23.09	20.80
23168	Crop Grower	Baltimore	1.01	1.00	1.18	1.00	.92	.....	8.01	7.00	15.20	13.40
23219	Grain and Grass Producer	Baltimore	.....	.....	3.28	3.00	.57	.....	12.31	12.00	14.47	13.80
23175	High Grade Phosphate & Potash	Baltimore	.....	.....	3.49	5.00	.95	.....	13.08	12.00	15.45	15.80
23176	Soluble Bone & Potash	Baltimore	.....	.....	2.36	2.00	.55	.....	10.34	10.00	11.78	11.00
23022	Superior Rock Phosphat	Frederick	.....	.....	.....	.....	.70	.....	14.52	14.00	13.21	12.60
23023	X. X. V. Phosphate	Frederick	1.04	1.00	1.07	1.00	.92	.....	8.47	8.00	15.76	14.60
	A. A. C. Co (Tygert Allen) Phila	**delphia, Pa**										
23213	Standard Brand Phosphate	Baltimore	1.95	2.00	2.25	2.00	1.42	.....	8.27	8.00	20.54	19.60
	A. A. C. Co (Wheeler) Rutland, Vt.											
23220	General Crop Grower	Baltimore	1.86	2.00	2.01	2.00	1.27	.....	8.45	8.00	20.10	19.60
23000	Potato Manure	Baltimore	2.06	2.00	5.44	5.00	.62	.....	8.59	7.00	24.24	21.40
	A. A. C. Co (Zell) Baltimore, Md.											
23229	Ammoniated Super-P	Laurel	2.01	2.00	2.25	2.00	1.12	.....	8.49	8.00	20.93	19.60
23160	Dissolved Phosphate.hosphate	Baltimore	.....	.....	.....	.....	.92	.....	14.11	14.00	12.88	12.60
23106	Economizer Phosphat	Pikesville	1.19	1.00	2.39	2.00	1.02	.....	8.48	8.00	17.74	15.60
23055	Electric Phosphate..e	Taneytown	.....	.....	2.04	2.00	.35	.....	10.46	10.00	11.52	11.00
23177	Hustler Phosphate	Baltimore	1.06	1.00	3.01	3.00	.97	.....	9.89	9.00	19.51	17.80
23161	Little Giant	Baltimore	.97	1.00	1.02	1.00	1.25	.....	7.28	7.00	14.14	13.40
23107	Special Compound	Pikesville	2.71	3.00	3.90	4.00	1.32	.....	8.12	8.00	25.01	25.60
	Acme Guano Co., Baltimore, Md.											
23255	Special Mixture	Snow Hill (J. B. R.)	1.38	1.50	6.02	6.00	.27		11.25	12.00	$25.15	$26.40

23107	Special Compound	Pikesville	2.71	3.00	3.90	4.00	1.32	.....	8.12	8.00	25.01	25.60
	Acme Guano Co., Baltimore, Md.											
23255	Special Mixture	Snow Hill (J. B. R.)	1.38	1.50	6.02	6.00	.27	.....	11.25	12.00	$25.15	$26.40
	American Fertilizing Co., Baltimore, Md.											
23196	Ammoniated Bone Compound	Baltimore	1.13	1.00	2.08	2.00	2.70	1.00	8.01	8.00	17.29	16.00
23200	Bob White Fertilizer	Baltimore	1.04	1.00	1.54	2.00	2.30	1.00	10.08	9.00	18.72	17.20
23024	Champion Grain Grower	Hancock	1.28	1.00	4.17	4.00	1.47	1.00	8.60	8.00	20.20	18.00
23203	Dissolved Bone and Potash	Baltimore	.....	.....	2.30	2.00	1.50	1.00	10.02	10.00	11.62	11.20
23162	Double Extra Bone and Potash	Baltimore	....	.....	5.37	5.00	2.25	1.00	11.35	12.00	16.04	16.00
23187	Eagle Crop Grower	Baltimore	2.17	2.00	1.91	2.00	2.40	1.00	9.01	8.00	22.36	20.00
23197	Excelsior Guano	Baltimore	2.02	2.00	5.40	5.00	2.10	1.00	8.47	8.00	24.48	23.00
23163	Fish and Bone Compound	Baltimore	1.67	2.00	4.06	3.00	2.97	1.00	8.01	8.00	21.54	21.00
23025	Formula Wheat and Corn	Motters	.....	.....	4 46	5.00	1.07	1.00	10.15	10.00	13.81	14.20
23188	High Grade Acid Phosphate	Baltimore	.....	.....	.....	.....	1.72	1.00	14.12	14.00	13.05	12.80
23026	Reliable Guano	Motters	1.09	1.00	1.04	1.00	1.50	1.00	7.87	8.00	15.44	15.00
23027	Special Compound Guano	Motters	.65	.50	3.23	3.00	1.02	1.00	7.19	7.00	14.87	13.80
23264	Special Compound Guano	Hurlock (E. T. L.)	.76	.50	3.45	3.00	3.02	1.00	7.52	7.00	16.72	13.80
23028	Special Formula	Motters	.70	.50	1.20	1.00	1.22	1.00	8.61	8.00	14.82	13.00
23029	Special Potash Mixture	Motters	.....	.....	4.02	4.00	.20	1.00	8.26	8.00	11.49	11.40
23164	Special Super-Phosphate	Baltimore	.....	.....	3.58	3.00	1.82	1.00	6.34	6.00	9.65	8.60
	Armour Fertilizer Works, Baltimore, Md.											
23204	Acid Phosphate	Baltimore	.....	.....	.....	.....	.12	.50	17.06	15.00	15.37	13.60
23030	Acid Phosphate	Walkersville	.....	.....	.....	.....	.25	.50	15.91	16.00	14.37	14.50
23144	Bone Meal	Baltimore	2.85	3.00	....	.....	*23.03	*22.50	.....	.....	25.26	25.50
23210	Cereal Phosphate	Baltimore	.....	.....	.....	.....	.12	.50	10.81	10.00	9.75	9.10
23145	Claude Parks Fearless	Baltimore	.58	.50	2.43	2.00	1.02	.....	8.50	8.00	15.36	13.60
23153	Crop Grower	Baltimore	1.08	1.00	2.09	2.00	.50	.50	7.44	8.00	15.54	15.80
23154	Farmers' Choice	Baltimore	1.02	1.00	3.02	3.00	1.05	.50	9.55	9.00	18.98	18.00
23114	Fruit and Root Crop Special	Fallston	1.96	2.00	4.59	5.00	.97	.....	8.43	8.00	22.94	22.60
23115	Grain Grower	Fallston	2.03	2.00	2.20	2.00	.75	.....	7.76	8.00	19.93	19.60
23169	High Grade Potato Fertilizer	Baltimore	1.96	2.00	10.32	10.00	1.25	.50	8.14	8.00	28.43	27.80
23096	Phosphate and Potash	Baltimore	.....	.....	4.94	5.00	.60	.50	12.20	12.00	16.04	15.90
22989	Phosphate and Potash, No. 1	Baltimore	.....	.....	2.26	2.00	.32	.50	10.07	10.00	11.38	11.10
22990	Raw Bone Meal	Baltimore	4.45	4.50	.....	.....	*21.31	*22.00	.....	.....	30.59	31.20
23001	Royal Ammoniated Bone	Baltimore	1.16	1.00	4.14	4.00	.62	.50	8.61	8.00	19.36	17.80
23258	Special Mixture	Mt. Airy (C. E. A.)	2.87	2.90	4.30	3.75	4.30	5.00	10.91	11.00	30.59	30.55
23178	Special Mixture	Baltimore	.56	.50	1.11	1.00	.50	.50	8.49	8.00	13.74	12.80
23146	Star Phosphate	Baltimore	.....	.....	.....	.....	.50	.50	14.40	14.00	13.06	12.70
23108	Sure Crop	Glen Morris	.....	.....	5.25	5.00	.27	.50	8.37	8.00	12.83	12.30
23189	Trucker	Baltimore	4.47	5.00	5.02	5.00	1.42	.....	7.28	7.00	32.21	33.40

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Armour Fert. Works, Balto., Md.											
23097	Wheat and Clover	Baltimore	.....	.....	5.13	5.00	.57	.50	10.02	10.00	$14.26	$14.10
	Atlantic Fertilizer Co., Baltimore, Md.											
22978	Arrow Brand Special	Baltimore	.80	1.00	4.25	4.00	1.12	.....	8.78	8.00	18.44	17.60
22982	Crop Producer	Baltimore	.82	.50	2.59	2.00	.70	.....	8.59	8.00	16.46	13.60
23224	Dissolved Phosphate	Baltimore	.....	.....	.....	.....	.27	.....	15.56	14.00	14.05	12.60
23207	Dissolved Phosphate	Baltimore	.....	.....	.....	.....	1.47	1.00	16.22	16.00	14.89	14.60
22983	Farmers' Alkaline Mixture	Baltimore	.....	.....	2.31	2.00	.85	.....	10.13	10.00	11.60	11.00
23170	Fine Ground Bone	Baltimore	3.02	3.00	.....	.....	*10.47	†50.00		.....	18.36	42.00
23116	Fish & Potato Guano	Conowingo	1.53	1.50	4.70	4.00	1.52	.....	7.26	7.00	20.14	18.40
23256	G. G. G. Golden Grain Grower	Snow Hill (J. B. R.)	2.37	2.00	4.27	4.00	.95	1.00	9.08	9.00	25.03	23.20
22984	High Grade Potash Compound	Baltimore	.....	.....	5.17	5.00	.32	.....	12.22	12.00	16.23	15.80
23221	Pure Raw Bone Meal	Baltimore	4.57	4.50	.....	.....	*25.58	*23.00	.....	.....	33.63	31.80
23056	Standard Compound	New Windsor	1.88	2.00	2.49	2.00	.60	.....	8.82	8.00	20.83	19.60
	C. A. Baile & Co., Medford, Md.											
23057	Bone Phosphate No. 3	Medford	1.42	1.25	2.17	2.00	1.25	1.50	11.10	9.50	21.67	19.00
	Baltimore Fertilizer Co., Baltimore, Md.											
23043	Honest Acid Phosphate	White Hall	.....	.....	.....	.....	.30	.....	15.80	14.00	14.28	12.60
23044	Honest Ammoniated Bone	Parkton	2.01	2.00	2.29	2.00	.82	.....	8.27	8.00	20.58	19.60
23058	Honest A. K. Bone	Lineboro	.....	.....	3.75	3.00	.60	.....	10.33	8.00	13.17	10.20
23222	Honest Bone Phosphate	Baltimore	.41	.25	2.88	1.00	.80	.....	8.48	7.00	15.02	10.40
23208	Honest Crop Grower	Baltimore	1.14	1.00	2.38	1.00	1.35	.....	6.57	8.00	15.36	14.60
23217	Honest Standard	Baltimore	.97	1.25	4.72	3.00	.70	.....	10.46	10.00	21.43	20.00
23045	Honest Success	Parkton	1.16	1.00	4.18	4.00	.62	.....	7.65	7.00	18.25	16.40
23002	Old Honesty	Baltimore	.70	.50	3.32	2.00	.35	1.00	8.16	8.00	$16.05	$14.00
23081	Special Grain Fertilizer	Potomac	1.11	1.00	5.03	4.00	.35	.....	7.72	8.00	18.87	17.60

23045	Honest Success	Parkton	1.16	1.00	4.18	4.00	.62	.....	7.65	7.00	18.25	16.40

23002	Old Honesty	Baltimore	.70	.50	3.32	2.00	.35	1.00	8.16	8.00	$16.05	$14.00
23081	Special Grain Fertilizer	Potomac	1.11	1.00	5.03	4.00	.35	.....	7.72	8.00	18.87	17.60
	Baltimore Pulverizing Co., Baltim	**ore, Md.**										
23147	Ammoniated Butchers' Bone	Baltimore	1.43	1.50	2.02	1.50	1.05	.....	8.93	9.00	18.88	18.30
23148	Farmers' Favorite Fertilizer	Baltimore	1.23	1.00	.....	.....	.80	.....	6.80	5.50	13.40	10.60
23155	General Crop Grower	Baltimore	1.50	1.00	2 70	3.00	.57	.....	6.62	7.00	16.87	15.40
23117	High Grade Potato Guano	Perryman	2.05	2.00	10.38	10.00	.50	.....	8.16	8.00	28.57	27.60
23118	New Harvest Queen	Perryman	.72	.50	7.11	6.50	.30	.....	10.14	10.00	22.28	20.50
	Baugh & Sons Co., Baltimore, Md.											
23119	Acid Phosphate 16%	Forest Hill	.....	.....	.....	.....	.61	.....	16.03	16.00	14.55	14.40
23156	Ammoniated Soluble Alkaline	Baltimore	.80	.50	3.12	2.00	1.02	.....	7.87	8.00	16.17	13.60
23031	Animal Base & Potash Compound	Monrovia	2.03	2.00	1.95	2.00	.82	.....	9.11	8.00	21.33	19.60
23046	Commercial Phosphate	White Hall	1.89	2.00	9.28	10.00	.65	.....	8.44	8.00	27.23	27.60
22960	Complete Animal Base Fertilizer	Baltimore	1.83	2.00	5.28	5.00	.52	.....	8.29	8.00	22.76	22.60
23077	Double Eagle $25 Phosphate	Rockville	2.03	2.00	1.48	1.00	.75	.....	8.88	8.50	20.56	19.20
23032	Excelsior Guano	Hagerstown	1.11	1.00	4.40	4.00	.32	.....	8.24	8.00	18.86	17.60
23205	Export Bone and Potash	Baltimore	2.24	2.00	2.04	2.00	5.47	.....	7 31	11.00	21.96	23.20
23078	Fine Ground Bone	Rockville	3.52	3.00	.....	.....	*16.88	*16.49	.....	.....	24.21	21.80
22979	Fish, Bone and Potash	Baltimore	4.08	4.00	4.10	4.00	.70	.....	8.18	8.00	30.52	29.60
23033	Fish Mixture	Monrovia	2.08	2.00	2.20	2.00	.72	.....	8.62	8.00	21.15	19.60
23036	General Crop Grower	Monrovia	1.11	1.00	1.44	1.00	.50	.....	8.53	8.00	16.32	14.60
23273	General Crop Grower	Mt. Airy (D. W. S.)	1.13	1.00	1.26	1.00	.80	.....	8.08	8.00	15.80	14.60
23047	Grain & Grass	White Hall	2.13	2.00	2.16	2.00	1.12	.....	8.35	8.00	21.15	19.60
23120	G. R. High Grade Truck Guano	Forest Hill	2.80	3.00	3.12	3.00	1.45	.....	8.42	8.00	25.00	24.60
23034	High Grade Acid Phosphate	Smithsburg	.....	.....	.....	.....	.37	.....	15.17	14.00	13.72	12.60
23035	High Grade Potash Mixture	Smithsburg	.....	.....	4.58	4.00	.85	.....	9.75	10.00	13.53	13.00
23127	One Quarter Mixture	Hagerstown	1.88	1.75	3.79	3.00	3.77	.....	8.85	12.00	23.44	24.40
23190	Peninsula Grain Producer	Baltimore	1.37	1.21	2.17	2.00	1.05	.....	8.05	8.00	17.73	16.44
23005	Peruvian Guano Substitute	Baltimore	4.88	5.00	7.44	7.00	.65	.....	6.55	6.00	35.08	34.20
23171	Phosphate and Potash 10 & 5	Baltimore	.....	.....	5.64	5.00	1.05	.....	10.84	10.00	15.70	14.00
23006	Phosphate and Potash 12 & 5	Baltimore	.....	.....	5.55	5.00	.62	.....	12.15	12.00	16.61	15.80
23179	Phosphate and Potash 12 & 3	**Baltimore**	.....	.....	4.34	3.00	1.05	.....	12.32	12.00	15.64	13.80
23234	Pure Bone & Muriate Pot. Mix		3.38	3.00	6.95	5.00	*15.73	*15.00	.....	.....	29.01	26.00
22973	Pure Raw Bone Meal	Baltimore	4.64	4.50	.....	.....	*20.36	*21.50	.....	.....	30.78	30.90
23100	Pure Dissolved Animal Bone	Baltimore	2.80	2.50	.....	.....	.72	.....	13.31	13.00	27.46	25.60
22959	Soluble Alkaline Super-Phos	Baltimore	.....	.....	2.62	2.00	.57	.....	10.44	10.00	12.13	11.00
22991	Special Alkaline 8 & 5	Baltimore	.....	.....	5.33	5.00	.63	.....	8.95	8.00	13.52	12.20
23225	Special Potato Manure	Baltimore	2.15	2.00	11.03	10.00	1.70	.....	6.48	5.00	28.09	24.00
23079	Walker's Mixture	Washington Grove	1.01	1.00	1.68	1.50	.95	.....	9.92	9.00	18.00	16.30

*Total Phosphoric Acid †"Bone Phosphate."

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Baugh & Sons Co., Balto., Md.											
23037	Wheat Fertilizer	Smithsburg	1.89	2.00	2.08	2.00	1.55	.....	9.32	8.00	$21.44	$19.60
	N. T. Bennett, New Windsor, Md.											
23059	Butcher House Phosphate	New Windsor	.82	.75	3.09	2.50	1.47	1.00	10.01	8.00	18.97	15.50
23060	Soluble Wheat Grower Phos	New Windsor	.87	.50	2.75	2.00	1.02	2.00	9.98	7.00	18.62	13.20
22994	12 & 5	New Windsor (SAE)	.....	.....	4.65	5.00	.40	.....	12.75	12.00	16.21	15.80
	Berg Co., Philadelphia, Pa.											
23121	Raw Bone Fine	Fallston	4.27	d4.86	.....	.....	*22.02	*22.00	.....	.....	30.29	32.64
23122	S. B. M	Bel Air	3.05	c3.65	7.95	8.00	2.90	.....	8.12	9.00	31.05	33.40
23123	Vigor Volo Bone and Potash	Fallston	2.75	c3.65	5.71	6.00	3.00	.....	9.48	8.00	29.29	30.20
	W. H. Bixler, Hagerstown, Md.											
23233	Bone Phosphate	Hagerstown	1.95	1.50	3.17	2.50	3.15	.....	6.86	8.00	20.46	18.10
	D. Blocher & Co., Gettysburg, Pa.											
23109	Dissolved Bone & Potash	Parkton	2.22	2.00	2.24	2.00	.70	.....	9.12	9.00	22.34	20.80
	Bowker Fertilizer Co., Boston, Mass.											
23061	Ammoniated O. I. O. Phosphate	Melrose	.85	.75	.....	.....	.67	.....	10.33	10.00	16.07	15.00
23124	Empire State	Bel Air	.....	.....	3.14	3.00	.60	.....	8.14	6.00	10.59	8.40
23226	Golden Harvest Fertilizer	Baltimore	.....	.....	5.56	5.00	.45	.....	12.08	12.00	16.52	15.80
	Bryant Fertilizer Co., Alexandria, Va.											
23082	Fine Ground Raw Bone	Seneca	4.91	4.50	.....	.....	*23.19	*22.50	.....	.....	33.55	31.50
23083	High Grade Potash Mixture	Travilah	.....	.....	5.82	4.00	1.82	.....	9.77	10.00	14.97	13.00
23084	Queen Ammoniated Dis. Bone	Travilah	1.01	1.00	1.04	1.00	5.30	.....	9.38	8.00	18.46	14.60
23209	Special Fish Mixture	Baltimore	1.13	1.00	3.51	4.00	2.52	1.00	9.36	8.00	$20.27	$18.00
23086	Special Potash Mixture	Travilah	.....	.....	5.88	5.00	1.40	.....	11.91	10.00	16.88	14.00

23082	Fine Ground Raw Bone	Seneca			5.82	4.00	1.82		9.77	10.00	14.37	15.00
23083	High Grade Potash Mixture	Travilah			1.04	1.00	5.30		9.38	8.00	18.46	14.60
23084	Queen Ammoniated Dis. Bone	Travilah	1.01	1.00								
23209	Special Fish Mixture	Baltimore	1.13	1.00	3.51	4.00	2.52	1.00	9.36	8.00	$20.27	$18.00
23086	Special Potash Mixture	Travilah			5.88	5.00	1.40		11.91	10.00	16.88	14.00
23087	Special Wheat Compound	Travilah			4.07	4.00	1.12		8.03	8.00	11.52	11.20
	H. Bryant's Son, Alexandria, Va.											
23039	Alkaline Bone Mixture	Hancock			1.95	2.00	.80		9.82	10.00	10.95	11.00
23040	Challenge Cropper	Hancock	1.30	1.25	2.01	2.00	.75		8.65	8.00	17.89	16.60
23239	Empress Ammoniated Dis. Bone	Rockville	1.02	1.00	1.18	1.00	.77		8.40	8.00	15.65	14.60
23080	Genuine Fish, Bone and Potash	Germantown	2.04	2.00	3.13	3.00	.95		8.41	8.00	21.76	20.60
22998	Genuine Fish, Bone & Potash	Brookeville (D F O)	1.89	2.00	3.12	3.00	.35		8.42	8.00	20.92	20.60
23088	Peerless Formula	Beallsville	1.89	2.00	2.15	2.00	1.80		8.02	8.00	20.05	19.60
	Central Chemical Co., Hagerstown, Md.											
23128	Acid Phosphate	Paramount					1.50		13.60	14.00	12.54	12.60
23129	Atlas Brand	Paramount	2.32	1.00	3.77	4.00	.97		7.89	8.00	22.91	17.60
23130	Harvest Home	Paramount	1.25	1.00	1.36	1.00	.95		8.01	8.00	16.35	14.60
23131	Majestic	Paramount			5.62	5.00	1.17		8.19	8.00	13.22	12.20
23132	Phoenix	Paramount	1.81	2.00	3.97	4.00	1.22		7.87	8.00	21.14	21.60
	Chesapeake Chemical Co., Baltimore, Md.											
23133	Alkaline 12 & 5	Graceham			4.71	5.00	1.12		12.27	12.00	15.97	15.80
23042	Celebrated Mixture	Emmitsburg			2.31	2.00	1.05		11.48	10.00	12.85	11.00
23134	Corn & Buckwheat	Graceham			4.52	3.00	.85		7.18	6.00	11.15	8.40
23135	Imperial Guano	Graceham	.68	.50	2.65	2.00	1.37		8.19	8.00	15.75	13.60
	J. Cope & Co., Baltimore, Md.											
23214	Acidulated Phosphate	Baltimore					.62		15.35	14.00	13.94	12.60
23215	Ammoniated Phosphate	Baltimore	1.01	1.00	4.37	3.00	.87		8.39	8.00	18.83	16.60
23216	High Grade Phosphate & Potash	Baltimore			5.73	5.00	.57		10.24	10.00	15.06	14.00
23165	Potato & Tobacco Phosphate	Baltimore	1.02	1.00	7.42	7.00	.97		8.91	10.00	22.58	23.00
23099	Wheat & Grass Special	Baltimore	.92	1.00	1.04	1.00	1.45	1.00	8.02	8.00	14.92	15.00
	L. E. P. Dennis & Son, Crisfield, Md.											
23198	Fish & Potash Mixture No. 2	Federalsburg	2.01	2.00	3.95	2.00	.95		7.02	7.00	20.79	18.40
	J. W. Dorsey, Ellicott City, Md.											
23091	Mixture "D"	Olney	2.37	2.25	4.64	4.00	1.47	1.50	9.07	9.00	25.59	24.40
23241	Mixture "D"	Ellicott City	2.30	2.25	5.04	4.00	1.37	1.50	9.85	9.00	26.61	24.40
	Dudley & Carpenter, Baltimore, Md.											
23157	Special Wheat Mixture	Baltimore			2.90	3.00	.67		11.83	12.00	13.68	13.80
	Edelen Bros., Baltimore, Md.											
23139	Special Wheat & Grain Mixture	Baltimore	1.52	1.00	2.18	2.00	1.35		9.25	9.00	19.90	16.80

*Total Phosphoric Acid. cNitrogen 3%=Ammonia 3.65%. dNitrogen 4%=Ammonia 4.86%.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	T. W. Eliason, Chestertown, Md.											
23211	Our Spec. Dis. Alk. Phos.& Pot.	Baltimore	....	.....	2.90	3.00	.22	.....	12.40	12.00	$14.10	$13.80
	J. A. Englar, Linwood, Md.											
23062	Ammoniated Bone Phos No. 1...	Linwood	2.01	2.00	2.37	1.50	1.17	.....	9.13	9.50	21.84	20.90
23063	Ammoniated Bone Phos. No. 2...	Linwood.	1.06	1.00	2.70	2.40	.60	....	10.22	9.80	19.44	18.16
	Eureka Fertilizer Co., Perryville, Md.											
23136	Complete Compound	Funkstown	1.01	1.00	5.60	5.00	2.12	.....	7.43	7.00	19.41	17.40
23064	Grain & Grass Mixture	Kumps	1.04	1.00	2.38	2.00	2.02	.....	8.32	8.00	17.33	15.60
23049	High Grade Trucker	White Hall	2.01	2.00	9.37	10.00	1.80	.....	7.92	8.00	27.63	27.60
	W. S. Farmer & Co., Baltimore, Md.											
23191	B. & P. Phosphate	Baltimore	.....	.....	2.09	2.00	.47	.....	10.46	10.00	11.59	11.00
23202	Clyde Brand	Baltimore	1.06	1.00	1.89	2.00	1.05	.....	8.85	8.00	17.17	15.60
23180	Dissolved S. C. Phosphate	Baltimore	.....	.....	.....	.....	.97	.....	14.89	14.00	13.59	12.60
23181	Empire Alkaline Phosphate	Baltimore	.....	.....	5.40	5.00	.42	.....	11.01	10.00	15.39	14.00
22980	Harvest Queen	Baltimore	1.26	1.25	3.20	3.00	1.25	.....	9.70	9.00	20.38	18.80
23182	Pure Bone Meal	Baltimore	4.47	4.00	.....	....	*21.09	*20.50	.....	.....	30.53	28.30
	Farmers' Fertilizer Co., Union Bridge, Md.											
23065	Bone Phosphate No. 1.	Union Bridge	2.06	1.50	2.91	2.25	.60	... ..	9.55	8.00	22.85	17.85
23066	Union Bridge Favorite Phosphate	Union Bridge	1.06	1.00	2.63	2.00	.72	.....	9.29	8.00	18.31	15.60
	Farmers' Fertilizer & Feed Co., Westminster, Md.											
23236	Bone Phosphate No. 1	Westminster	2.52	2.50	3.43	2.50	1.37	2.00	9.28	9.00	25.20	24.10
23069	Bone Phosphate No. 2	Hampstead	2.05	2.00	3.70	3.00	1.17	1.00	7.96	9.00	21.92	22.20
23070	Bone Phosphate No. 3	Melrose	1.47	1.25	3.34	3.00	.90	1.00	8.33	8.00	$19.58	$18.00
23067	Carroll Bone Phosphate	Westminster	.78	.75	2.77	2.00	.57	1.00	7.96	7.00	15.67	13.80

23236	Bone Phosphate No. 1.....	Hampstead.....	2.05	2.00	3.70	3.00	1.11	1.00				
23069	Bone Phosphate No. 2.....	...										
23070	Bone Phosphate No. 3.....	Melrose.....	1.47	1.25	3.34	3.00	.90	1.00	8.33	8.00	$19.58	$18.00
23067	Carroll Bone Phosphate.....	Westminster.....	.78	.75	2.77	2.00	.57	1.00	7.96	7.00	15.67	13.80
23071	High Grade Phosphate.....	Westminster.....	1.88	2.00	4.96	5.00	.82	1.00	11.48	11.00	26.59	26.60
22995	High Grade Phosphate.....	Hagerstown (I. E)	2.03	2.00	5.17	5.00	.92	1.00	11.27	11.00	27.18	26.60
23072	X. X. Bone Phosphate.....	Westminster.....	1.08	1.00	3.21	3.00	.77	1.00	8.54	9.00	18.09	18.20
	Farmers' & Planters' Co., Salisbury, Md.											
23184	Fish Mixture.....	Salisbury,.....	1.48	2.00	1.26	2.00	.75	.....	12.42	8.00	22.38	19.60
	J. W. Freeman, Great Mills, Md.											
23212	Crop Grower.....	Baltimore.....	1.33	1.00	1.95	1.00	.77	1.50	8.28	8.00	17.52	15.20
	German Kali Works, Baltimore, Md.											
23098	Muriate of Potash.....	Baltimore.....	.....	.....	49.25	50.00	.....	.....	.....	.....	.....	.....
	T. H. Gill, Avalon, Va.											
23227	Try Me Fertilizer.....	Baltimore.....	2.03	2.00	2.13	2.00	.90	.....	9.67	9.00	22.21	20.80
	Griffith & Boyd Co., Baltimore, Md.											
23073	Ammoniated Bone Phosphate....	Union Mills.....	2.22	2.00	2.70	2.00	1.35	1.00	7.56	8.00	21.19	20.00
23074	Cereal Plant Food	Union Mills.....	.67	1.00	2.64	2.00	2.25	1.00	7.47	8.00	15.18	16.00
23075	Farmers' Potato Manure.....	Union Mills.....	1.02	1.00	8.84	9.00	1.55	1.00	8.49	8.00	23.73	23.00
22981	Fish, Bone & Potash.....	Baltimore.....	1.76	1.75	2.79	3.00	1.55	.....	8.28	7.00	20.39	18.40
23235	Gem Phosphate.....	.....	.....	.....	3.61	3.00	3.17	.....	7.32	6.00	10.83	8.40
23201	Gilt Edge Crop Guano	Baltimore.....	1.18	2.00	8.73	10.00	3.45	.....	8.39	8.00	24.90	27.60
23140	Harvest Queen Phosphate.....	Baltimore.....	.94	1.00	2.79	3.00	2.07	.....	8.20	9.00	17.22	17.80
23051	High Grade Acid Phosphate. ...	Sparks.....	.....	.....	.....	.....	.17	.....	17.17	14.00	15.48	12.60
23261	High Grade Acid Phosphate.....	Cecilton (E. N. C.)	.....	.....	.....	.....	.38	.....	17.01	16.00	15.39	14.40
22967	Monarch Brand.....	Baltimore.....	.....	.....	3.30	5.00	2.32	.....	8.47	8.00	11.38	12.20
23009	Peerless Fertilizer.....	Baltimore.....	.49	.35	2.08	2.00	2.15	.....	9.49	8.00	16.29	13.00
23185	Potato Guano 7%.....	Showell.....	6.06	7.00	2.96	5.00	.12	.....	5.60	6.00	33.97	40.20
23192	Pure Dissolved Animal Bone.....	Baltimore.....	2.54	2.50	.....	.....	4.65	.....	10.56	10.00	24.69	22.00
23238	Royal Mixture 10 & 8.....	Baltimore	.....	.....	9.07	8.00	2.50	.....	9.77	10.00	18.36	17.00
23142	Royal Potash Guano.....	Baltimore.....	1.14	1.00	3.87	4.00	1.90	.....	8.38	8.00	19.25	17.60
23166	Soluble Mixture 12 & 5.....	Baltimore.....	.....	.....	4.17	5.00	2.55	.....	11.08	12.00	14.65	15.80
23183	Special Grain Grower.....	Baltimore.....	.....	.....	2.78	2.00	2.47	.....	10.07	10.00	12.33	11.00
23052	Special Guano.....	Sparks.....	1.88	2.00	5.13	5.00	1.57	.....	8.73	8.00	23.76	22.60
23193	Spring Crop Grower.....	Baltimore.....	1.93	2.00	4.93	4.50	2.42	.....	6.87	6.50	21.86	20.30
23092	Stable Manure Substitute.....	Rockville.....	3.09	3.50	4.02	4.00	2.07	.....	6.15	5.00	24.59	24.00
23149	Standard Potash Compound.....	Baltimore.....	.....	.....	4.26	4.00	2.37	.....	10.49	10.00	14.17	13.00
23076	Valley Fertilizer.....	Westminster.....	.58	.50	3.19	3.00	1.60	1.00	7.96	8.00	15.70	15.00
23007	X. X. Potash Manure.....	Baltimore.....	.....	.....	5.54	5.00	2.40	.....	9.95	10.00	14.98	14.00

*Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Griffith & Turner Co., Baltimore,	**Md.**										
23150	Ammoniated Alkaline Plant Food	Baltimore	1.23	1.00	2.95	1.50	2.90	1.00	7.67	6.50	$18.23	$13.70
23228	Ammoniated Butchers' Bone	Baltimore	.84	1.25	2.64	1.50	1.67	.....	8.35	9.00	16.69	17.30
23230	Soft Ground Bone	Baltimore	1.81	2.00	.....	.....	*22.47	*22.90	.....	.....	20.72	21.74
	Edgar Hammond, Libertytown, Md											
23319	Old Liberty Ammoniated Bone	Woodsboro	1.11	1.00	3.79	4.00	1.82	1.00	7.14	7.00	17.53	16.80
	Hampstead Fertilizer Co., Hamps	**tead, Md.**										
23392	Grain & Grass Grower	Hampstead	1.66	2.00	2.27	2.00	1.45	.....	8.91	8.00	20.18	19.60
23393	Honesty	Hampstead	1.18	1.00	3.56	2.00	2.10	.....	6.60	8.00	17.04	15.60
23394	Standard	Hampstead	1.30	1.25	3.31	3.00	2.27	.....	9.43	10.00	20.74	20.00
	S. M. Hess & Bro., Philadelphia,	**Pa.**										
23514	Farmers' Cereal King	Baltimore	.....	.....	3.29	3.00	.67	.....	12.27	12.00	14.46	13.80
23528	Keystone Phosphate	Baltimore	1.01	1.00	1.18	1.00	1.07	.....	8.69	8.00	16.08	14.60
23533	Peerless Phosphate	Baltimore	.....	.....	5.14	5.00	.52	.....	12.07	12.00	16.10	15.80
23439	Soluble Phosphate and Potash	Baltimore	.....	.....	2.11	2.00	.77	.....	10.71	10.00	11.90	11.00
23263	Special Compound	Price (J. C. S.)	1.01	1.00	4.02	4.00	1.00	.....	8.87	8.00	19.10	17.60
23274	Special Compound	Price (B. L. A.)	1.01	1.00	4.09	4.00	.85	.....	9.34	8.00	19.68	17.60
23440	Wheat and Grass Manure	Baltimore	.94	1.00	2.17	2.00	1.00	.....	8.13	8.00	16.09	15.60
	Home Fertilizer & Chemical Co., B	**altimore, Md.**										
24227	Bone and Potash	Baltimore	.....	.....	6.03	5.00	.97	1.00	9.55	10.00	14.82	14.20
24212	Dissolved Phosphate	Baltimore	1.57	1.50	5.49	5.00	.25	.....	12.23	11.00	26.55	24.20
23546	Gilt Edge Crop Grower	Baltimore	2.35	2.00	4.08	4.00	.87	.....	10.13	10.00	25.99	24.00
	W. H. Hood, Mt. Airy, Md.											

	W. H. Hood, Mt. Airy, Md.											
23395	Special Mixture	Mt. Airy	1.31	1.00	2.13	2.00	1.30	.....	9.38	9.00	$19.15	$16.80
	Hubbard Fertilizer Co., Baltimore, Md.											
23320	Alkaline 12 & 5	Hancock	.....	.....	4.86	5.00	1.15	.....	12.37	12.00	16.22	15.80
24201	Alkaline 12 & 3	Baltimore	.....	.....	3.81	3.00	1.22	.....	12.97	12.00	15.72	13.80
23396	B. & P. 10 & 2	Sykesville	.....	.....	2.09	2.00	.80	1.75	10.80	10.00	11.97	11.35
23376	Climax Phosphate	Parkton	1.01	1.00	4.72	4.00	1.15	.....	7.04	7.00	17.67	16.40
23397	Columbia Gem	Sykesville	.65	.50	2.97	2.00	.82	2.00	8.06	8.00	15.57	14.40
23377	Farmers' I. X. L	Parkton	1.38	2.00	2.36	2.00	1.15	.....	8.72	8.00	18.80	19.60
23300	Jewel Phosphate	Baltimore	1.48	1.25	4.70	5.00	.72	2.00	8.37	8.00	20.95	20.40
23432	Oriental Phosphate	Poolesville	1.04	1.00	2.58	2.00	1.15	2.00	8.53	8.00	17.44	16.40
23378	Phosphate 14%	Parkton	.....	.....	.....	.....	1.87	.....	14.98	14.00	13.85	12.60
23321	Phosphate 16%	Hancock	.....	.....	.....	.....	.62	2.00	16.48	16.00	14.95	14.80
23458	Royal Ensign	Blue Ball	2.56	3.00	4.40	4.00	1.10	2.00	7.93	8.00	24.60	26.40
22968	Special Mixture	Baltimore	.....	.....	4.02	4.00	.47	2.00	11.05	10.00	14.06	13.40
23590	Standard Phosphate	Baltimore	2.32	2.00	3.71	3.00	1.90	2.00	7.36	8.00	22.58	21.40
24213	Warranted Raw Bone	Baltimore	5.09	4.50	.....	.....	*23.46	*22.00	.....	.....	34.44	31.20
	M. P. Hubbard & Co., Baltimore, Md.											
23547	Celebrated Phosphate	Baltimore	2.01	2.00	2.29	2.00	.27	1.50	9.29	8.00	21.59	20.20
23534	Farmers' Acme	Baltimore	1.08	1.00	4.08	4.00	.55	1.00	9.21	8.00	19.67	18.00
22974	Harvest King Phosphate	Baltimore	1.04	1.00	3.55	3.00	.50	1.00	9.38	9.00	19.17	18.20
23515	Havana Special	Baltimore	2.68	3.00	3.03	3.00	.35	1.50	9.17	8.00	24.89	25.20
23500	Maloney's Spe. Wh. & Grass Mix.	Baltimore	2.18	2.00	5.03	5.00	.35	1.50	9.18	9.00	24.91	24.40
23478	Old Economy	Hansonville	.70	.50	3.09	2.00	.55	1.00	8.60	8.00	16.43	14.00
24202	Pure Raw Bone	Baltimore	4.83	4.50	.....	.....	*20.66	†45.00	.....	.....	31.72	45.00
23501	Soluble Rock & Potash	Baltimore	.....	.....	3.16	2.00	.35	1.50	9.53	10.00	11.81	11.30
24214	Soluble S. C. Phosphate	Baltimore	.....	.....	.....	.....	.40	1.00	14.30	14.00	12.95	12.80
23535	Special Potato & Tomato Fer.	Baltimore	2.01	2.00	5.46	5.00	.22	1.00	7.70	7.00	22.83	21.80
23548	XXXX Rock & Potash Mixture	Baltimore	.....	.....	4.81	5.00	.08	1.50	12.58	12.00	16.15	16.10
	S. L. Lamberd Co., Baltimore, Md.											
23536	Boss Fertilizer	Baltimore	1.69	2.00	4.58	4.50	2.10	1.00	7.58	6.50	21.28	20.70
23537	Truck Phosphate	Baltimore	4.45	4.00	5.05	4.00	3.00	.....	5.64	7.00	30.82	28.40
	Lister's Agricultural Chemical Works, Newark, N. J.											
23441	Atlas Brand Alkaline Fertilizer	Baltimore	.....	.....	4.61	5.00	.47	.....	12.33	12.00	15.80	15.80
23516	Buyers' Choice Acid Phosphate	Baltimore	.....	.....	.....	.....	.95	.....	14.64	14.00	13.37	12.60
23549	Cel. Gr. Bone & Tank Acidulated	Baltimore	3.34	3.25	.....	.....	*13.79	*12.00	.....	.....	21.63	20.20
23569	Corn & Potato Fertilizer	Baltimore	1.91	2.00	3.04	3.00	1.32	.....	8.02	8.00	20.83	20.60
23446	Crescent Complete Manure	Gittings	1.79	2.00	5.97	5.00	.92	.....	8.72	8.00	23.96	22.60

*Total Phosphoric Acid. †"Bone Phosphate."

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Griffith & Turner Co., Baltimore, Md.											
23150	Ammoniated Alkaline Plant Food	Baltimore	1.23	1.00	2.95	1.50	2.90	1.00	7.67	6.50	$18.23	$13.70
23228	Ammoniated Butchers' Bone	Baltimore	.84	1.25	2.64	1.50	1.67	.....	8.35	9.00	16.69	17.30
23230	Soft Ground Bone	Baltimore	1.81	2.00	.....	.....	*22.47	*22.90	.....	.....	20.72	21.74
	Edgar Hammond, Libertytown, Md											
23319	Old Liberty Ammoniated Bone	Woodsboro	1.11	1.00	3.79	4.00	1.82	1.00	7.14	7.00	17.53	16.80
	Hampstead Fertilizer Co., Hampstead, Md.											
23392	Grain & Grass Grower	Hampstead	1.66	2.00	2.27	2.00	1.45	.....	8.91	8.00	20.18	19.60
23393	Honesty	Hampstead	1.18	1.00	3.56	2.00	2.10	.....	6.60	8.00	17.04	15.60
23394	Standard	Hampstead	1.30	1.25	3.31	3.00	2.27	.....	9.43	10.00	20.74	20.00
	S. M. Hess & Bro., Philadelphia, Pa.											
23514	Farmers' Cereal King	Baltimore	.....	.....	3.29	3.00	.67	.....	12.27	12.00	14.46	13.80
23528	Keystone Phosphate	Baltimore	1.01	1.00	1.18	1.00	1.07	.....	8.69	8.00	16.08	14.60
23533	Peerless Phosphate	Baltimore	.....	.....	5.14	5.00	.52	.....	12.07	12.00	16.10	15.80
23439	Soluble Phosphate and Potash	Baltimore	.....	.....	2.11	2.00	.77	.....	10.71	10.00	11.90	11.00
23263	Special Compound	Price (J. C. S.)	1.01	1.00	4.02	4.00	1.00	.....	8.87	8.00	19.10	17.60
23274	Special Compound	Price (B. L. A.)	1.01	1.00	4.09	4.00	.85	.....	9.34	8.00	19.68	17.60
23440	Wheat and Grass Manure	Baltimore	.94	1.00	2.17	2.00	1.00	.....	8.13	8.00	16.09	15.60
	Home Fertilizer & Chemical Co., Baltimore, Md.											
24227	Bone and Potash	Baltimore	.....	.....	6.03	5.00	.97	1.00	9.55	10.00	14.82	14.20
24212	Dissolved Phosphate	Baltimore	1.57	1.50	5.49	5.00	.25	.....	12.23	11.00	26.55	24.20
23546	Gilt Edge Crop Grower	Baltimore	2.35	2.00	4.08	4.00	.87	.....	10.13	10.00	25.99	24.00
	W. H. Hood, Mt. Airy, Md.											
23395	Special Mixture	Mt. Airy	1.31	1.00	2.13	2.00	1.30		2.38	9.00	$12.15	$16.20
	Hubbard Fertilizer Co., Baltimore, Md.											

	W. H. Hood, Mt. Airy, Md.											
23395	Special Mixture	Mt. Airy	1.31	1.00	2.13	2.00	1.30	.....	9.38	9.00	$19.15	$16.80
	Hubbard Fertilizer Co., Baltimore, Md.											
23320	Alkaline 12 & 5	Hancock	.....	.....	4.86	5.00	1.15	.....	12.37	12.00	16.22	15.80
24201	Alkaline 12 & 3	Baltimore	.....	.....	3.81	3.00	1.22	.....	12.97	12.00	15.72	13.80
23396	B. & P. 10 & 2	Sykesville	.....	.....	2.09	2.00	.80	1.75	10.80	10.00	11.97	11.35
23376	Climax Phosphate	Parkton	1.01	1.00	4.72	4.00	1.15	.....	7.04	7.00	17.67	16.40
23397	Columbia Gem	Sykesville	.65	.50	2.97	2.00	.82	2.00	8.06	8.00	15.57	14.40
23377	Farmers' I. X. L	Parkton	1.38	2.00	2.36	2.00	1.15	.....	8.72	8.00	18.80	19.60
23300	Jewel Phosphate	Baltimore	1.48	1.25	4.70	5.00	.72	2.00	8.37	8.00	20.95	20.40
23432	Oriental Phosphate	Poolesville	1.04	1.00	2.58	2.00	1.15	2.00	8.53	8.00	17.44	16.40
23378	Phosphate 14%	Parkton	.....	.....	.....	.....	1.87	.....	14.98	14.00	13.85	12.60
23321	Phosphate 16%	Hancock	.....	.....	.....	.....	.62	2.00	16.48	16.00	14.95	14.80
23458	Royal Ensign	Blue Ball	2.56	3.00	4.40	4.00	1.10	2.00	7.93	8.00	24.60	26.40
22968	Special Mixture	Baltimore	.....	.....	4.02	4.00	.47	2.00	11.05	10.00	14.06	13.40
23590	Standard Phosphate	Baltimore	2.32	2.00	3.71	3.00	1.90	2.00	7.36	8.00	22.58	21.40
24213	Warranted Raw Bone	Baltimore	5.09	4.50	.....	.....	*23.46	*22.00	.....	.....	34.44	31.20
	M. P. Hubbard & Co., Baltimore, Md.											
23547	Celebrated Phosphate	Baltimore	2.01	2.00	2.29	2.00	.27	1.50	9.29	8.00	21.59	20.20
23534	Farmers' Acme	Baltimore	1.08	1.00	4.08	4.00	.55	1.00	9.21	8.00	19.67	18.00
22974	Harvest King Phosphate	Baltimore	1.04	1.00	3.55	3.00	.50	1.00	9.38	9.00	19.17	18.20
23515	Havana Special	Baltimore	2.68	3.00	3.03	3.00	.35	1.50	9.17	8.00	24.89	25.20
23500	Maloney's Spe. Wh. & Grass Mix.	Baltimore	2.18	2.00	5.03	5.00	.35	1.50	9.18	9.00	24.91	24.40
23478	Old Economy	Hansonville	.70	.50	3.09	2.00	.55	1.00	8.60	8.00	16.43	14.00
24202	Pure Raw Bone	Baltimore	4.83	4.50	.....	.....	*20.66	†45.00	.....	.....	31.72	45.00
23501	Soluble Rock & Potash	Baltimore	.....	.....	3.16	2.00	.35	1.50	9.53	10.00	11.81	11.30
24214	Soluble S. C. Phosphate	Baltimore	.....	.....	.....	.....	.40	1.00	14.30	14.00	12.95	12.80
23535	Special Potato & Tomato Fer	Baltimore	2.01	2.00	5.46	5.00	.22	1.00	7.70	7.00	22.83	21.80
23548	XXXX Rock & Potash Mixture	Baltimore	.....	.....	4.81	5.00	.08	1.50	12.58	12.00	16.15	16.10
	S. L. Lamberd Co., Baltimore, Md.											
23536	Boss Fertilizer	Baltimore	1.69	2.00	4.58	4.50	2.10	1.00	7.58	6.50	21.28	20.70
23537	Truck Phosphate	Baltimore	4.45	4.00	5.05	4.00	3.00	.....	5.64	7.00	30.82	28.40
	Lister's Agricultural Chemical Works, Newark, N. J.											
23441	Atlas Brand Alkaline Fertilizer	Baltimore	.....	.....	4.61	5.00	.47	.....	12.33	12.00	15.80	15.80
23516	Buyers' Choice Acid Phosphate	Baltimore	.....	.....	.....	.....	.95	.....	14.64	14.00	13.37	12.60
23549	Cel. Gr. Bone & Tank Acidulated	Baltimore	3.34	3.25	.....	.....	*13.79	*12.00	.....	.....	21.63	20.20
23569	Corn & Potato Fertilizer	Baltimore	1.91	2.00	3.04	3.00	1.32	.....	8.02	8.00	20.83	20.60
23446	Crescent Complete Manure	Gittings	1.79	2.00	5.97	5.00	.92	.....	8.72	8.00	23.96	22.60

*Total Phosphoric Acid. †"Bone Phosphate."

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Lister's Agricultural Chemical Wo	**rks, Newark, N. J.**										
23517	Dissolved Phosphate & Potash...	Baltimore.....	.....	.....	2.36	2.00	.42	.....	10.51	10.00	$11.90	$11.00
23468	"G" Brand	Cardiff.....	1.02	1.00	4.11	4.00	1.05	.....	8.42	8.00	18.71	17.60
23518	Golden Sheaf.....	Baltimore.....	.65	.50	2.14	2.00	1.32	.....	7.86	8.00	14.70	13.60
23469	Harvest Queen.....	Cardiff.....	1.52	1.50	2.15	2.00	1.07	.....	9.02	9.00	19.48	18.80
23266	Harvest Queen Phosphate.... ..	Bartholows (W E M)	1.54	1.50	2.08	2.00	1.32	.....	9.66	9.00	20.36	18.80
23502	Potash Mixture.....	Baltimore.....	.....	.....	5.02	5.00	.35	.....	8.69	8.00	12.91	12.20
23503	Special Crop Producer.....	Baltimore.....	.96	1.00	1.04	1.00	1.37	.....	7.14	7.00	14.00	13.40
23379	Stand. Pure Super-Phos. of Lime	White Hall....	2.70	3.00	2.14	2.00	1.70	.....	9.16	9.00	24.61	24.80
23570	U. S. Super-Phos.....	Baltimore..... . .	1.31	1.25	1.93	2.00	1.62	.....	8.23	8.00	17.70	16.60
23447	Wheat & Rye Fertilizer	Gittings.....	2.01	2.00	2.06	2.00	1.27	.....	8.93	8.00	21.33	19.60
	D. B. Martin Co., Philadelphia, Pa											
23538	Acid Phosphate.	Baltimore	.....	.....	.....	.....	.57	.....	14.02	14.00	12.73	12.60
23322	Beckley's Bone Mixture.....	Halfway	1.53	1.50	.....	.....	.57	. ....	13.65	14.00	22.73	22.80
23323	Beckley's Wh. & Clover Mixture	Halfway	.89	1.00	4.03	4.00	.50	.....	12.03	12.00	22.23	22.40
23592	Caroline Special.....	Baltimore	1.02	1.00	3.21	3.00	2.17	.....	9.11	9.00	19.09	17.80
28539	Corn & Cereal Special.....	Baltimore..... ...	1.88	2.00	2.26	2.00	1.47	.....	8.04	8.00	20.02	19.60
23313	Crop Producer.....	Baltimore.....	1.26	1.25	.....	.....	2.62	.....	10.50	10.00	18.69	17.00
23479	Dissolved Organic Compound....	Adamstown	1.33	1.25	2.24	2.00	1.07	.....	9.13	9.00	18.95	17.80
23586	Gilt Edge Potato Manure.....	Baltimore.....	3.41	3.00	11.20	10.00	.55	.....	7.16	7.00	33.65	30.40
23587	Guano 7%.....	Baltimore.....	7.06	7.00	5.04	5.00	1.12	.....	6.98	6.00	42.11	40.20
23540	M. B. W. McKenney's Compound	Baltimore.....	1.09	1.00	4.12	4.00	2.37	.....	10.09	10.00	21.54	20.00
24203	M. W. B. Cereal Grower.....	Baltimore.....	.52	.50	2.30	2.00	2.10	.....	8.18	8.00	15.04	13.60
24204	M. W. B. Royal Crop Grower....	Baltimore.....	1.09	1.00	4.15	4.00	1.85	.....	8.02	8.00	18.87	17.60
24205	M. W. B. Special Mixture	Baltimore.....	.51	.50	3.03	3.00	1.10	.....	9.36	9.00	$16.74	$15.80
23324	One, Eight & Four	Hancock										

24204	M. W. B. Royal Crop Grower	Baltimore	1.09	1.00	4.15	4.00	1.85		8.02	8.00	18.87	17.60

24205	M. W. B. Special Mixture	Baltimore	.51	.50	3.03	3.00	1.10		9.36	9.00	$16.74	$15.80
23324	One, Eight & Four	Hancock	1.04	1.00	4.43	4.00	2.30		7.79	8.00	18.86	17.60
23262	One, Eight & Four	Price (J. C. S.)	.97	1.00	4.70	4.00	2.32		7.79	8.00	18.86	17.60
23271	Potash & Bone	Trappe (C. T. G.)			4.81	5.00	.22		11.13	12.00	14.87	15.80
24211	Potash & Soluble Bone	Baltimore			5.02	5.00	.40		10.02	10.00	14.12	14.00
23480	Potash & Soluble Phosphate	Walkersville			3.39	3.00	.45		12.13	12.00	14.40	13.80
23314	Potash & Soluble Phosphate	Baltimore			4.89	5.00	.35		12.07	12.00	15.82	15.80
23593	Pure Dissolved Animal Bone	Baltimore	1.66	2.00			1.50		12.65	12.00	22.42	22.40
23550	Pure Ground Bone	Baltimore	2.35	3.00			*22.41	*22.00			22.85	25.20
23594	Pure Raw Bone Meal	Baltimore	4.52	4.50			*22.67	*21.00			31.68	30.60
24220	Royal Crop Grower	Baltimore	1.13	1.00	4.50	4.00	1.95		7.85	8.00	19.22	17.60
24541	Special Bone Mixture	Baltimore	.51	.50	3.33	3.00	1.37		9.10	9.00	16.84	15.80
23504	Special Compound	Baltimore	1.89	2.00	5.16	5.00	2.02		8.17	8.00	23.33	22.60
23398	Special Fertilizer	Hampstead	.60	.50	2.02	2.00	1.40		8.39	8.00	15.05	13.60
23315	Special Potato Manure	Baltimore	1.01	1.00	5.39	5.00	1.10		8.60	8.00	20.19	18.60
23325	Sure Grower	Hancock	1.11	1.00	1.18	1.00	2.75		7.66	8.00	15.91	14.60
	Martin & White Co., Baltimore, Md.											
23595	Acid Phosphate 14%	Baltimore					.37		15.51	14.00	14.03	12.60
23505	Acid Phosphate 16%	Baltimore					.22		16.53	16.00	14.92	14.40
24225	Ammoniated Bone & Potash	Towson	1.01	1.00	2.12	2.00	.62		8.21	8.00	16.26	15.60
23506	Bone Meal	Baltimore	3.05	3.00			*22.46	†50.00			25.68	42.00
23542	Cereal Grower	Baltimore	.53	.50	2.35	2.00	1.57		8.22	8.00	14.96	13.60
23301	Phosphate & Potash	Baltimore			2.03	2.00	.12		10.46	10.00	11.46	11.00
23543	Royal Crop Grower	Baltimore	1.04	1.00	4.41	4.00	2.60		7.71	8.00	18.86	17.60
	F. Mehring, Keymar, Md.											
23326	Acid Phosphate	Williamsport					1.32	1.00	17.28	15.00	15.81	13.70
23327	Dissolved Raw Bone	Williamsport	2.12	2.00			.62	1.00	16.55	14.00	28.59	25.20
23328	Emmert's Half & Half	Williamsport	1.08	.75	2.02	2.00	.50	1.00	14.34	13.00	23.75	21.00
23399	General Crop Grower	Taneytown	1.02	1.00	1.76	1.50	2.62	1.00	12.40	10.00	21.77	17.90
23329	Potash & Phosphoric Acid	Williamsport			1.83	2.00	1.32	1.00	14.19	12.00	14.86	13.00
23330	Twenty-Six Dollar Phosphate	Williamsport	1.91	1.00	1.88	1.00	4.45	1.00	13.97	10.00	26.86	17.40
	Miller Fertilizer Co., Baltimore, Md.											
23529	Acid Phosphate	Baltimore					.25	.50	15.09	14.00	13.63	12.70
23331	Ammoniated Dissolved Bone	Hagerstown	2.02	2.00	2.12	2.00	.65	.50	8.31	8.00	20.43	19.80
23332	Club Brand	Hagerstown	.72	.50	2.26	2.00	.62	.50	8.41	8.00	15.48	13.80
24221	Dissolved Raw Bone	Baltimore	2.25	2.50			2.90	.50	11.72	11.00	24.22	23.40
23400	Farmers' Profit	Lineboro	1.09	1.00	5.27	5.00	.45	.50	8.73	8.00	20.29	18.80

*Total Phosphoric Acid. †Bone Phosphate.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Miller Fertilizer Co., Baltimore, Md.											
23333	Ground Bone	Hagerstown	3.33	3.00	.....	.....	*23.83	*22.50	.....	.....	$27.62	$25.50
23307	Harvest Queen	Baltimore	1.43	1.25	2.92	2.75	.95	.50	9.01	9.00	19.83	18.75
22969	Hustler Phosphate	Baltimore	1.26	1.00	1.07	1.00	.52	.50	8.18	8.00	16.14	14.80
24215	M. B. S.	Baltimore	.90	1.00	3.09	3.00	.72	.50	7.90	7.00	16.46	15.60
23577	Potash Mixture	Baltimore	.....	.....	5.70	5.00	.37	.50	11.02	10.00	15.69	14.10
23470	Potato & Vegetable Grower	Forest Hill	2.04	2.00	4.47	4.00	.50	.....	8.39	8.00	22.90	21.60
23308	Standard Phosphate	Baltimore	2.92	3.00	3.67	3.00	.55	.50	8.25	8.00	25.47	24.80
23334	W. G. Phosphate	Hancock	.75	.50	1.16	1.00	.62	.50	7.59	7.00	13.52	11.60
	Miller & Cramer, Woodsboro, Md.											
23335	Maryland Alkaline Phosphate	Woodsboro	.....	.....	2.05	2.00	.82	1.00	10.24	10.00	11.43	11.20
23336	Maryland Plow Brand	Woodsboro	1.04	1.00	2.02	2.00	1.92	1.00	7.74	8.00	16.24	16.00
23337	Maryland Sun Guano	Woodsboro	.67	.50	1.13	1.00	1.02	1.00	8.10	8.00	13.94	13.00
	V. W. Nicodemus, Monrovia, Md.											
23338	Sullivan's S. S. S	Monrovia	2.18	2.00	2.25	2.00	.72	.....	8.17	9.00	21.06	20.80
	G. Ober & Sons Co., Baltimore, Md											
23530	Dissolved Bone Phosphate	Baltimore	.....	.....	.....	.....	1.20	.....	14.41	14.00	13.21	12.60
23481	Dis. Bone Phos. & Potash	Walkersville	.....	.....	2.13	2.00	1.00	.....	10.27	10.00	11.57	11.00
23316	Farmers' Mixture	Baltimore	1.21	1.00	2.29	2.00	.95	.....	9.19	9.00	18.54	16.80
23302	Farmers' Standard Am. Phos.	Baltimore	2.04	2.00	2.57	2.00	.82	.....	8.87	9.00	21.70	20.80
23448	Fish, Bone & Potash	Baldwin	3.28	3.25	3.97	3.50	1.67	.....	8.18	8.00	27.58	26.10
22961	Fish & Potash Fertilizer	Baltimore	2.61	2.00	2.01	2.00	.65	.....	9.11	9.00	23.64	20.80
22985	High Grade Acid Phosphate	Baltimore	.....	.....	.....	.....	.67	.....	17.28	16.00	15.68	14.40
23596	Indept Ammon. Super Phosphate	Baltimore	1.30	1.25	1.71	1.00	1.37	.....	9.02	9.00	$18.28	$16.80
23482	Ox Head Fertilizer	Walkersville	.63	.50	2.69	2.00	1.62	1.00	7.59	8.00	14.97	14.00

23596	Indept Ammon. Super Phosphate	Baltimore	1.30	1.25	1.71	1.00	1.37	.....	9.02	9.00	$18.28	$16.80
23482	Ox Head Fertilizer	Walkersville	.63	.50	2.69	2.00	1.62	1.00	7.59	8.00	14.97	14.00
23303	Pure Bone Meal	Baltimore	4.35	3.00	... ..	.....	*23.40	*22.00	.....	.....	31.44	25.00
23304	Pure Raw Bone Meal	Baltimore	4.61	4.50	.....	.....	*22.25	*21.00	.....	.....	31.79	30.60
23309	Soluble Amon. Sup-Phos. of Lime	Baltimore	2.12	2.00	2.19	2.00	1.35	.....	9.14	8.00	22.18	19.60
22975	Special Plant Food	Baltimore	2.06	2.00	5.02	5.00	.70	.....	10.20	9.00	25.78	23.80
23449	Stag Guano	Baldwin	1.08	1.00	4.16	4.00	.95	.....	8.06	8.00	18.53	17.60
23507	Standard Potash Compound	Baltimore	.....	.....	5.60	5.00	1.17	.....	12.41	12.00	17.00	15.80
	Patapsco Guano Co., Baltimore, Md.											
23519	Alkaline Phosphate	Baltimore	.....	.....	3.10	3.00	.62	.....	12.50	12.00	14.47	13.80
23442	Alkaline Plant Food	Baltimore	.....	.....	5.12	5.00	.50	.....	8.81	8.00	13.15	12.20
23578	Baltimore Soluble Phosphate	Baltimore	.....	.....	2.06	2.00	.42	.....	11.04	11.00	12.08	11.90
23531	Blood, Bone & Potash	Baltimore	.60	.50	2.28	2.00	1.10	.....	8.03	8.00	14.76	13.60
23310	Coon Brand Guano	Baltimore	1.02	1.00	2.91	3.00	1.02	.....	9.82	9.00	19.18	17.80
23259	Enterprise Phosphate	Cecilton (L. W. D)	.. ..	.....	4.96	5.00	.70	.....	11.08	10.00	15.07	14.00
23380	Grain & Grass Producer	Cockeysville	1 02	1.00	3.69	4.00	1.12	.....	8.71	8.00	18.67	17.60
24226	Grange Mixture	Baltimore	2.08	2.00	2.23	2.00	1.50	.....	8.22	8.00	21.01	19.60
22986	Peninsula Potash Mixture	Baltimore	.....	.....	5.16	5.00	.55	... ..	12.44	12.00	16.47	15.80
23571	Phospho Potash	Baltimore	.....	.....	4.04	3.00	.40	.....	7.24	6.00	10.64	8.40
23572	Pure Dissolved S. C. Phosphate	Baltimore	.....	....	.....	.....	1.10	.....	14.84	14.00	13.58	12.60
22993	Raw Bone Meal	Cecilton (E. J. D.)	4.47	4.00	.....	.....	*21.25	*20.59	.....	.....	30.63	28.35
23381	Sea Gull Guano	Cockeysville	1.03	1.00	1.18	1.00	1.00	.....	8.37	8.00	15.74	14.60
23551	Soluble Phosphate & Potash	Baltimore	.....	.....	2.17	2.00	.32	.....	10.41	10.00	11.60	11.00
23552	Spe. Wht. Comp. Ani. Bone Base	Baltimore	2.27	2.25	3.08	2.50	4.27	5.00	9.45	9.00	25.21	24.30
	Peerless Fertilizer Co., Chesterto	**wn, Md.**										
24216	Ford's Ideal	Baltimore	.87	.50	5.64	5.00	1.15	.....	10.45	8.00	22.12	16.60
23553	Pennington's Mixture	Baltimore	.63	.50	3.72	3.00	.72	.....	6.34	8.00	14.14	14.60
23254	Special Mixture	Cecilton (J. W. D.)	.....	.....	4.78	4.00	.08	.....	8.85	10.00	12.77	13.00
	Piedmont-Mt. Airy Guano Co., Ba	**ltimore, Md.**										
23339	Gower's Bone Mixture	Williamsport	1.33	1.50	.....	.. .	.57	.....	14.35	14.00	22.77	22 80
23340	Gower's Half & Half Mixture	Williamsport	.63	.75	1.51	2.00	.52	.....	12.71	13.00	19.49	20 60
23341	Gower's Wheat & Clover	Williamsport	1.13	1.00	4.78	4.00	.25	.....	9.71	10.00	21.05	20.00
23317	Levering's Ammoniated Bone	Baltimore	1.13	1.00	3.26	3.00	.25	.....	9.17	9.00	18.88	17.50
22970	Levering's Harvest Queen	Baltimore	1.14	1.00	2.29	2.00	.45	.....	8.08	8.00	16.73	15.60
23508	Levering's I.X.L. Crop Grower	Baltimore	... ..	.....	2.72	3.00	.08	.....	11.54	10.00	13.13	12.00
23401	Levering's Standard	Mt. Airy	1.59	2.00	3.45	3.00	.35	.....	8.56	8.00	20.22	20.60
23402	Peerless Phosphate	Mt. Airy	.96	1.00	2.05	1.50	.25	2.00	8.74	8.00	16.48	15.90

* Total Phosphoric Acid.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Piedmont-Mt. Airy Guano Co., Baltimore, Md.											
23591	Piedmont Acid Phosphate 14%	Baltimore	.....	.....	.....	.....	.10	.....	15.32	14.00	$13.81	$12.60
23267	Piedmont Acid Phosphate 16%	Cordova (W. A. W.)	.....	.....	.....	.....	.12	.....	16.20	16.00	14.60	14.40
23588	Piedmont Bone Meal	Baltimore	5.87	4.00	.....	.....	*20.48	*21.00	.....	.....	35.77	28.60
23509	Piedmont Economy	Baltimore	.38	.25	2.47	2.00	.37	.....	10.79	10.00	17.09	15.00
23436	Piedmont Farmers' Favorite	Germantown	.87	1.00	4.81	4.00	.25	.....	8.80	8.00	18.95	17.60
23510	Piedmont Insula Guano	Baltimore	.41	.50	2.81	2.00	.35	.....	10.12	7.00	16.73	12.40
23318	Piedmont Perfection Guano	Baltimore	2.22	2.00	5.72	5.00	.30	....	8.10	8.00	24.44	22.60
23450	Piedmont Pure Raw Bone Mix	Owings Mills	1.38	1.25	2.03	2.00	3.45	.....	8.87	8.00	19.57	16.60
22987	Piedmont Special Potash Mixture	Baltimore	.....	.....	5.02	5.00	.10	.....	9.83	10.00	13.89	14.00
23403	Piedmont Success	Mt. Airy	.31	.25	5.54	5.00	.20	.....	9.65	9.00	18.44	16.80
22962	Piedmont Wheat Compound	Baltimore	.....	.....	4.70	5.00	.12	.....	11.68	12.00	15.23	15.80
22996	Piedmont Wheat Compound	Easton (R. L. K.)	.....	.....	6.08	5.00	.17	.....	11.67	12.00	16.61	15.80
23404	Special Wheat & Grass Phos	Mt. Airy	1.84	2.00	2.11	2.00	.22	2.00	8.74	8.50	20.05	21.00
23405	Standard Dissolved Bone Phos	Mt Airy	1.04	1.00	2.44	2.00	.25	2.00	11.19	10.00	19.13	18.80
	Pollock Fertilizer Co., Baltimore, Md.											
23554	Ammoniated Super-Phosphate	Baltimore	1.96	2.00	2.14	2.00	1.15	.....	8.33	8.00	20.44	19.60
23520	Crop Invigorator	Baltimore	.94	1.00	4.81	4.00	.97	.....	8.21	8.00	18.81	17.60
23451	Dissolved Phosphate & Potash	Bel Air	.....	.....	4.23	4.00	.62	.....	10.44	10.00	13.75	13.00
23532	Dissolved S. C. Phosphate	Baltimore	.....	.....	.....	.....	1.22	.....	14.12	14.00	12.95	12.60
23521	Owl Brand Guano	Baltimore	.67	.50	1.73	1.50	.82	.....	7.26	7.00	13.45	11.90
23584	Soluble Phosphate	Baltimore	.....	.....	2.28	2.00	.40	.....	10.02	10.00	11.38	11.00
23483	Special Wheat Grower	Lime Kiln	.90	1.00	2.03	2.00	1.07	1.00	8.13	8.00	15.82	16.00
	Ramsburg Fertilizer Co., Frederick, Md.											
23342	Alkaline Phosphate	Monrovia			2.13	2.00	2.50		10.32	10.00	$13.66	$11.60

	Ramsburg Fertilizer Co., Frederick, Md.											
23342	Alkaline Phosphate	Monrovia	.....	.....	2.13	2.00	3.52	.....	10.22	10.00	$12.03	$11.00
23343	Amoniated Bone Phosphate	Frederick	1.16	1.00	2.33	2.00	2.02	.....	9.10	10.00	18.70	18.00
23484	Excelsior Half and Half	Middletown	1.01	1.00	1.48	1.00	1.52	.....	11.71	10.00	20.18	17.00
23344	Excelsior Plant Food	Monrovia	1.96	2.00	2.40	2.00	.65	.....	9.60	9.00	22.02	20.80
23485	Queen	Middleton	.55	.50	1.02	1.00	3.15	.....	11.32	8.00	18.06	12.60
23345	Old Virginia Compound	Monrovia	1.62	1.21	4.37	4.00	1.02	.....	8.43	8.00	21.38	18.44
23253	Special Mixture	New Mark't N.H.A	1.60	2.00	5.78	7.50	3.10	.....	10.21	6.00	25.67	22.70
23346	Special Rock & Potash	Monrovia	.....	.....	5.91	5.00	1.07	.....	11.55	10.00	16.52	14.00
23486	Super-Phosphate	Middletown	.....	.....	.....	.....	.70	.....	14.81	14.00	13.47	12.60
23347	Williams Wheat & Grass Fert	Monrovia	1.18	1.00	2.12	2.00	1.50	.....	8.91	8.00	18.13	15.60
	Rasin-Monumental Co., Baltimore, Md.											
23433	Rasin's Acid Phosphate 14%	Poolesville	.....	.....	.....	.....	1.75	1.00	14.48	14.00	13.38	12.80
23434	Rasin's Acid Phosphate 16%	Poolesville	.....	.....	.....	.....	1.80	1.00	17.14	16.00	15.79	14.60
23561	Rasin's Wheat & Grass Producer	Girdletree	1.52	1.50	2.58	3.00	2.00	1.00	8.68	8.00	19.88	19.00
23348	Rasin's Bone and Potash	Walkersville	.....	.....	2.07	2.00	1.17	1.00	10.13	10.00	11.42	11.20
23437	Rasin's Dissolved Bone	Washington Grove	2.05	2.00	.....	.....	5.32	1.00	11.98	10.00	24.71	20.40
23349	Rasin's Empire Guano	Woodsboro	1.86	2.00	2.40	2.00	1.87	1.00	8.32	8.00	20.57	20.00
23562	Rasin's Half & Half Mixture	Girdletree	.....	.....	3.05	3.00	1.55	1.00	7.46	6.00	10.07	8.60
23305	Rasin's High Grade Bone & Pot	Baltimore	.....	.....	5.53	5.00	.67	1.00	11.91	12.00	16.38	16.00
23511	Rasin's I.X.L. Fertilizer	Baltimore	1.23	1.00	3.26	3.00	1.60	1.00	9.13	9.00	19.78	18.20
23350	Rasin's National Crop Compound	Woodsboro	1.08	1.00	3.76	4.00	1.57	1.00	8.63	8.00	19.07	18.00
23452	Rasin's National Crop Compound	Sparks	1.26	1.00	3.90	4.00	1.95	1.00	8.02	8.00	19.34	18.00
23425	Rasin's Pure Raw Bone	Germantown	4.74	4.50	.....	.....	*22.32	*22.50	.....	.....	32.35	31.50
23426	Rasin's Royal Fish, Bone & Pot	Gaithersburg	2.01	2.00	3.09	3.00	2.12	1.00	8.16	8.00	21.77	21.00
23579	Rasin's Soluble Alkaline Bone	Baltimore	.....	.....	3.05	3.00	1.67	1.00	12.68	12.00	14.79	14.00
23427	Rasin's Special Bone and Potash	Gaithersburg	.....	.....	4.58	5.00	.80	1.00	10.34	10.00	14.05	14.20
23585	Rasin's Special Formula	Baltimore	.....	.....	4.21	3.00	1.57	1.00	8.54	6.00	12.21	8.60
23306	Rasin's United Grain Grower	Baltimore	1.13	1.00	2.21	2.00	1.67	1.00	8.02	8.00	17.02	16.00
23424	Rasin's United Grain Grower	Barnesville	1.16	1.00	2.11	2.00	1.77	1.00	8.05	8.00	17.12	16.00
23428	Rasin's Wheat, Corn & Oats Mix	Germantown	.72	.50	2.14	2.00	1.60	1.00	7.84	8.00	15.07	14.00
23438	Rasin's Wheat Potash Mixture	Germantown	.....	.....	5.53	5.00	1.62	1.00	7.48	8.00	12.58	12.40
23382	Rasin's XXX Fertilizer	Sparks	2.10	2.00	a5.12	5.00	1.42	1.00	8.10	8.00	24.83	24.00
23429	William Penn Crop Grower	Gaithersburg	1.09	1.00	1.03	1.00	1.30	1.00	7.96	8.00	15.46	15.00
23597	Wright's Double Potash Phos	Baltimore	.....	.....	4.23	4.00	2.00	1.00	9.46	9.00	13.14	12.30
	Reindollar Co., Taneytown, Md.											
23406	Economy Fertilizer	Westminster	1.02	1.00	4.54	4.00	.85	.....	9.64	8 00	20.53	17.60
23407	Rock & Potash	Taneytown	.....	.....	2.64	2.00	.82	.....	11.10	10.00	12.79	11.00

*Total Phosphoric Acid. a As Sulfate.

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Reindollar Co., Taneytown, Md.											
23408	Special Compound	Taneytown	.60	.50	1.42	1.00	.70	.....	9.31	8.00	$15.27	$12.60
	W. E. Robinson & Co., Bel Air, Md											
23472	Special Mixture	Fallston	1.91	2.00	5.21	5.00	.65	.....	8.45	8.00	23.25	22.60
23473	Tomato & Wheat Fertilizer	Bel Air	2.05	2.00	2.31	2.00	.82	.....	8.27	8.00	20.76	19.60
	F. S. Royster Guano Co., Baltimore, Md.											
22963	Acid Phosphate 14%	Baltimore	.....	.....	.....	.....	.22	1.00	15.37	14.00	13.87	12.80
23351	Alkaline Phosphate	Motters	.....	.....	3.03	3.00	.20	1.00	5.84	6.00	8.33	8.60
24206	Ammoniated Potash Compound	Baltimore	1.11	1.00	7.01	7.00	1.10	1.00	9.64	9.00	23.46	22.20
23375	Bumper Crop Phosphate	Baltimore	.....	.....	5.12	5.00	.40	1.00	8.46	8.00	12.81	12.40
23353	Champion Crop Compound	Motters	1.93	2.00	4.51	4.00	.27	1.00	8.13	8.00	22.10	22.00
23354	Farmers' Delight Fertilizer	Motters	.52	.50	2.34	2.00	.42	1.00	8.06	8.00	14.26	14.00
23355	Fish, Flesh & Fowl	Motters	2.06	2.00	3.38	3.00	.40	1.00	8.03	8.00	21.42	21.00
23495	Golden Harvest Fertilizer	Baltimore	2.20	2.00	2.34	2.00	.60	1.00	8.14	8.00	21.15	20.00
23555	High Grade Acid Phosphate	Baltimore	.....	.....	.....	.....	.40	1.00	16.02	16.00	14.50	14.60
23496	Imperial Formula	Baltimore	1.09	1.00	4.04	4.00	.90	1.00	8.06	8.00	18.43	18.00
23244	Peerless Grain & Grass Grower	....	.....	.....	2.06	2.00	.67	1.00	10.02	10.00	11.21	11.20
23556	Potasso Phosphate	Baltimore	.....	.....	3.01	3.00	.57	1.00	11.58	12.00	13.54	14.00
23599	Pure Raw Bone Meal	Baltimore	4.83	4.50	.....	.....	*22.52	*21.50	.....	.....	32.83	30.90
23497	Superior Potash Mixture	Baltimore	.....	.....	5.22	5.00	.85	1.00	12.06	12.00	16.24	16.00
23357	Universal Crop Grower	Motters	1.14	1.00	1.24	1.00	.37	1.00	7.38	7.00	14.81	13.80
23522	Wheat, Oats & Barley Fertilizer	Baltimore	1.02	1.00	2.22	2.00	.82	1.00	8.02	8.00	16.25	16 00

	Scott Fertilizer Co., Elkton, Md											
23460	Soluble Phosphate 12 & 3	Childs	.....	.....	3.09	3.00	1.82	.....	12.18	12.00	$14.41	13.80
23459	Sure Crop Grower	Childs	2.03	2.00	5.45	5.00	1.05	.....	8.94	8.00	24.72	22.60
23461	Sure Growth Super-Phosphate	Childs	2.01	2.00	3.11	3.00	1.10	.....	8.83	8.00	22.19	20.60
23462	Tip Top & Potash	Childs	.....	.....	2.03	2.00	2.37	.....	11.21	10.00	12.59	11.00
	Slingluff & Woolston, Baltimore, Md.											
23523	Special Wheat Fertilizer	Baltimore	1.04	1.00	5.90	5.00	.72	.....	7.54	8.00	19.40	18.60
	Smith & Webster Co., Bel Air, Md											
23524	Potato & Tomato Fertilizer	Baltimore	1.67	2.00	4.29	4.00	.50	.....	8.68	8.00	21.59	21.60
	Southern Fertilizer Co., York, Pa.											
23409	Ammoniated Dissolved Fertilizer	Taneytown	1.95	2.00	2.69	2.50	1.30	.....	10.29	10.00	23.36	22.50
	Standard Guano Co., Baltimore, Md.											
23358	Alkaline Mixture	Walkersville	.....	.....	2.09	2.00	.35	1.30	10.49	10.00	11.60	11.26
23544	Extra High Grade Acid Phosphate	Baltimore	.....	.....	.....	.....	.25	.....	16.16	16.00	14.59	14.40
23410	Farmers' Champion	Melrose	.65	.50	3.22	2.00	2.20	1.25	6.68	8.00	14.72	14.10
23453	Fish & Potash Guano	Hydes	.92	1.00	2.76	2.00	.80	.....	9.64	9.00	18.33	16.80
23411	Formula B. Great Grain Grower	Union Mills	1.02	1.00	4.98	4.00	.77	.75	8.08	8.00	19.07	17.90
23580	Golden Harvest	Baltimore	2.06	2.00	4.50	4.00	1.50	1.25	9.32	9.00	24.52	23.30
23545	High Grade Acid Phosphate	Baltimore	.....	.....	.....	.....	.72	1.50	15.48	14.00	14.07	12.90
23270	High Grade Acid Phosphate	Trappe (C. T. G.)	.....	.....	.....	.....	.72	1.50	15.51	14.00	14.10	12.90
23487	Star Wheat Grower	Graceham	1.96	2.00	2.55	2.00	1.72	.....	8.85	8.00	21.70	19.60
23412	XX Potash Mixture	Carroll Co.	.....	.....	5.21	5.00	.50	.....	12.17	12.00	16.26	15.80
	W. H. Street & Co., Fallston, Md.											
23557	Ammoniated Dissolved Bone	Baltimore	1.83	1.50	2.12	2.00	.72	1.50	9.10	9.00	20.65	19.40
23512	High Grade Bone Phosphate	Baltimore	2.51	2.50	3.58	3.00	.65	.50	8.18	8.00	23.70	22.80
	Swift & Co., Baltimore, Md.											
23498	Diamond H. Fertilizer	Baltimore	.....	.....	5.03	5.00	1.35	1.00	12.28	12.00	16.35	16.00
23359	Garden City Acid Phosphate	Emmitsburg	.....	.....	.....	.....	.30	1.00	15.94	14.00	14.41	12.80
23499	Grain Fertilizer	Baltimore	1.01	1.25	2.48	2.00	2.20	1.00	8.05	8.00	17.06	17.00
23598	Red Steer Standard Grain Guano	Baltimore	2.01	2.00	2.05	2.00	1.32	1.00	8.67	8.00	21.02	20.00
	H. S. Taveau & Co., Baltimore, Md											
24200	Bone Compound	Baltimore	1.13	1.00	2.21	2.00	.92	.....	8.29	8.00	17.05	15.60
23581	Dissolved S. C. Bone	Baltimore	.....	.....	.....	.....	1.10	.....	14.51	14.00	13.28	12.60
24222	Special Wheat Mixture	Baltimore	.....	.....	2.89	3.00	.57	.....	12.58	12.00	14.32	13.80
23573	Wheat & Grass Compound	Baltimore	.....	.....	2.63	2.50	.65	.....	11.35	11.00	12.98	12.40

No.	Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling (and Sender's Initials, when not Sampled by the College Agent)	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID				Comparative Value Per Ton Found	Comparative Value Per Ton Guaranteed
							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	D. A. Thomas & Co., Hagerstown, Md.											
23488	Bone Mixture	Hagerstown	1.83	2.00	2.11	2.00	1.20	.....	8.59	8.00	$20.22	$19.60
23489	Dissolved Bone	Hagerstown	2.59	2.25	4.43	4.00	.60	.....	10.18	10.00	27.25	25.00
23360	Dissolved Phosphate	Emmitsburg	.....	.....	.....	.....	.47	.....	15.29	14.00	13.85	12.60
23490	Excelsior	Hagerstown	1.79	2.00	4.30	4.00	1.32	.....	8.02	8.00	21.61	21.60
23361	Farmers' Mixture	Emmitsburg	1.16	1.00	2.71	2.00	.40	.....	7.51	8.00	16.52	15.60
23491	Keystone Compound	Hagerstown	.94	1.00	4.46	4.00	1.07	.....	8.27	8.00	18.57	17.60
23362	Pioneer	Hancock	.....	.....	5.54	5.00	.32	.....	7.55	8.00	12.40	12.20
23492	Planters' Mixture	Hagerstown	1.48	1.00	6.05	6.00	1.32	.....	7.62	8.00	21.64	19.60
23363	Potash Special	Hancock	.....	.....	3.89	5.00	.65	.....	11.27	12.00	14.16	15.80
23364	Soluble Bone & Potash	Hancock	.....	.....	2.15	2.00	.52	.....	10.02	10.00	11.27	11.00
23257	Special Mixture	Hagerstown (M.W.)	1.21	2.00	5.01	7.00	.87	.....	11.13	10.00	23.56	27.00
	I. P. Thomas & Son Co., Philadelphia, Pa.											
23463	Pure Ground Animal Bone	Providence	3.77	4.00	.....	.....	*25.44	*21.00	.....	.....	30.34	28.60
23365	S. C. Phosphate	Hancock	.....	.....	.....	.....	.87	1.00	14.02	14.00	12.79	12.80
23464	Tip Top Super-Phosphate	Providence	3.09	3.00	4.49	4.00	.92	1.00	8.37	8.00	27.26	26.00
23465	Victor Potash Manure	Providence	1.11	1.00	4.46	5.00	.85	1.00	7.60	8.00	18.36	19.00
	W. B. Tilghman Co., Salisbury, Md											
23563	Bone Tankage Mixture	Berlin	1.38	2.00	2.12	2.00	.72	.....	11.01	8.00	21.14	19.60
23564	Fish, Bone & Potash Mixture	Salisbury	.92	1.00	1.87	2.00	.62	.....	10.49	10.00	18.39	18.00
23565	Mixture "B"	Salisbury	3.48	4.00	4.15	4.00	1.65	.....	8.31	7.00	28.70	28.40
23566	Standard Fish Mixture	Salisbury	1.95	2.00	2.55	2.00	1.00	.....	8.83	8.00	21.35	19.60
	Tuscarora Fertilizer Co., Baltimore, Md.											
24207	Acid Phosphate	Baltimore										

	Tuscarora Fertilizer Co., Baltimore, Md.											
24207	Acid Phosphate	Baltimore					.17	.50	14.77	14.00	$13.32	$12.70
24208	Alkaline	Baltimore					.17	.50	14.77	14.00	$13.32	$12.70
23276	Special Mixture	Millington (A. C.)	2.18	2.00	4.77	5.00	.62	.50	10.35	10.00	14.21	14.10
24209	Sure Grower	Baltimore	.53	.50	5.35	5.00	7.72		9.46	11.00	28.51	26.20
	J. E. Tygert Co., Philadelphia, Pa.				3.25	3.00	1.02	.50	8.18	8.00	15.60	14.80
24217	Big Crop Grower	Baltimore			5.28	5.00	.92		8.55	8.00	13.16	12.20
	J. Tyson & Son, Frederick, Md.											
23493	Acid Phosphate 14%	Frederick					.85		14.12	14.00	12.88	12.60
23366	Ammoniated Super-Phosphate	Monrovia	1.18	1.75	2.79	2.00	1.35		6.68	10.00	16.07	21.00
23240	Ammoniated Super-Phosphate	Frederick	.92	1.75	2.53	2.00	1.60		7.36	10.00	15.68	21.00
23435	Half & Half	Poolesville	.82	1.00	2.30	2.00	.70		7.84	10.00	15.27	18.00
23494	Special Mixture	Frederick	.73	1.00	2.16	1.00	1.07		7.57	8.00	14.59	14.60
	United States Fertilizer Co., Baltimore, Md.											
23383	Farm Bell Acid Phosphate	White Hall					1.90	1.00	13.83	14.00	12.83	12.80
23567	Farm Bell Alkaline Mixture	Girdletree			2.32	2.00	.75		10.02	10.00	11.49	11.00
23430	Farm Bell Crop Producer	Rockville	1.19	1.00	1.54	1.00	.87	1.00	9.52	8.00	18.07	15.00
23474	Farm Bell Grain Grower	Perryman	.75	.50	2.07	2.00	.67		8.02	8.00	14.96	13.60
23413	Farm Bell Pennant Winner	Sykesville	1.25	1.00	5.04	4.00	.55	1.00	8.17	8.00	20.06	18.00
23384	Farm Bell Phospho & Potash	White Hall			4.82	5.00	1.47	1.00	10.42	12.00	14.49	16.00
23311	Farm Bell Phosphate & Potash	Baltimore			6.11	5.00	.77	1.00	8.12	8.00	13.57	12.40
23525	Farm Bell Special Mixture	Baltimore			4.56	4.00	.52	1.00	10.45	10.00	14.07	13.20
23385	Farm Bell Standard Guano	White Hall	2.08	2.00	2.56	2.00	.97	1.00	7.89	8.00	20.74	20.00
23475	Farm Bell Wheat, Oat & Corn Sp.	Perryman	1.08	1.00	6.77	6.00	.70	1.00	7.81	8.00	20.74	20.00
	E. S. Vallant & Sons, Church Hill, Md.											
22964	Ammoniated Potash Mixture	Baltimore	.43	.25	2.17	2.00	.57		10.06	10.00	16.19	15.00
22988	Buyers' Mixture	Baltimore			2.92	3.00	.37		7.71	6.00	9.93	8.40
22965	Favorite Brand	Baltimore	1.95	2.00	5.59	5.00	.45		8.03	8.00	23.21	22.60
22971	Grain Grower	Baltimore	.58	.50	2.07	2.00	.20	1.00	8.47	8.00	14.63	14.00
22997	Grain Grower	Templeville(D.T.R.)	.61	.50	2.06	2.00	.10	1.00	8.87	8.00	15.18	14.00
22972	Ideal Fertilizer	Baltimore	1.09	1.00	2.21	2.00	.37		9.51	9.00	18.13	16.80
24223	Potash Mixture	Baltimore	.51	.25	2.42	2.00	.40		10.77	10.00	17.54	15.00
22966	Standard Fertilizer	Baltimore	1.01	1.00	4.04	4.00	.57		9.17	9.00	19.31	18.80
23275	Standard Fertilizer	Price (B. L. A.)	.90	1.00	3.94	4.00	.08		10.90	8.00	20.65	17.60
	Virginia-Carolina Chemical Co., Richmond, Va.											
23367	Acid Phosphate 14%	Emmitsburg					1.85	1.00	14.70	14.00	13.60	12.80
23368	Birely's Ammoniated Bone Phos.	Ladiesburg	.70	.50	1.22	1.00	1.80	1.00	8.02	8.00	14.36	13.00

*Total Phosphoric Acid.

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							Insoluble		Available			
			FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
	Virginia-Carolina Chemical Co., Richmond, Va.											
23369	Bireley's Crop Producer	Ladiesburg	.....	.....	2.47	2.00	1.82	1.00	8.24	9.00	$10.25	$10.30
23589	Corn & Buckwheat Special	Baltimore	.....	.....	3.21	3.00	1.95	1.00	6.86	6.00	9.77	8.60
23526	High Grade Bone & Potash	Baltimore	.....	.....	5.53	5.00	2.00	1.00	11.44	12.00	16.23	16.00
22992	National Ammoniated Guano	Baltimore	1.18	1.00	3.79	4.00	1.67	1.00	7.88	8.00	18.64	18.00
23370	Peerless Bone & Potash	Hancock	.....	.....	2.25	2.00	2.92	.....	9.05	8.00	10.98	9.20
23243	Special Bone & Potash	Baltimore	.....	.....	4.42	5.00	1.85	1.00	11.11	10.00	14.79	14.20
23574	Special Compound	Baltimore	1.09	1.00	1.93	1.00	2.15	1.00	8.91	8.00	17.84	15.00
23372	Special Potash Mixture	Emmitsburg	.....	.....	5.16	5.00	.55	1.00	8.01	8.00	12.48	12.40
23575	Special Potash Mixture	Baltimore	.....	.....	4.33	4.00	2.00	.....	9.81	10.00	13.56	13.00
23242	Standard Bone & Potash	Baltimore	.....	.....	2.14	2.00	2.06	1.00	10.02	10.00	11.57	11.20
23527	Standard Corn & Grain Grower	Baltimore	.67	.50	2.32	2.00	2.00	1.00	7.74	8.00	15.09	14.00
23374	Standard Crop Grower	Ladiesburg	1.74	2.00	2.72	2.00	1.87	1.00	8.06	8.00	20.10	20.00
23476	Star Truck Compound	Aberdeen	1.84	2.00	a9.57	10.00	1.37	1.00	8.67	8.00	29.79	30.00
23414	Union Super-Phosphate	Melrose	.....	.....	3.48	3.00	1.85	1.00	7.08	6.00	10.22	8.60
	S. L. Webster & Son, Cambridge, Md.											
23582	Ammoniated Bone Fert. No. 1	Cambridge	2.39	2.50	3.07	2.50	4.27	.....	8.24	10.00	24.23	24.50
23583	Ammoniated Bone Fert. No. 2	Cambridge	1.84	2.00	3.83	3.00	1.52	.....	7.12	7.00	20.34	19.40
23576	Old Dorset Ammo. Bone Fert.	Baltimore	.77	1.00	4.48	4.00	1.27	.....	9.09	8.00	18.98	17.60
	Westminster Fertilizer Co., Westminster, Md.											
23415	Big Gun	Westminster	1.77	2.00	2.19	2.00	1.30	.....	10.46	10.00	22.34	22.00
23416	Governor	Westminster	1.45	1.50	2.64	2.50	.72	.....	9.72	9.00	20.39	19.30
23417	Leader	Tyrone	.96	1.00	1.43	1.50	.62	.....	8.80	8.00	16.08	15.10
23418	Super-A	Tyrone	.77	.75	1.19	1.00	.50	.....	8.51	8.00	14.68	13.60
	W. H. Whistler, Fountain Green, Md.											

23417	Leader	Tyrone	.96	1.00	1.43	1.50	.62	.....	8.30	8.00	16.08	15.10
23418	Super-A	Tyrone	.77	.75	1.19	1.00	.50	.....	8.51	8.00	14.68	13.60
	W. H. Whistler, Fountain Green, Md.												
23245	Crop Grower	.....	1.77	1.50	2.42	2.00	1.05	.....	8.67	8.00	$20.32	$17.60
23247	Pure Bone Meal	White Hall	2.14	2.00	.....	.....	*23.53	*20.90	.....	.....	22.68	20.54
	R. A. Wooldridge Co., Baltimore, Md.												
23443	Champion Giant Phosphate	Baltimore	.89	1.00	2.35	2.00	1.35	.....	8.84	9.00	17.06	16.80
23466	Chieftain Phosphate	Singerly	1.91	2.00	2.46	2.00	1.27	.....	8.71	8.00	21.06	19.60
23558	Farmers' Favorite Cereal Comp.	Baltimore	.58	.50	2.06	2.00	.60	.....	7.24	7.00	13.31	12.40
23312	Florida Phosphate	Baltimore	.....	.....	.....	.....	.70	.....	14.36	14.00	13.06	12.60
23513	German Potash Mixture	Baltimore	.....	.....	2.23	2.00	.42	.....	10.58	10.00	11.83	11.00
23388	High Grade Acid Phosphate	Cockeysville	.....	.....	.....	.....	.10	.....	17.08	16.00	15.39	14.40
23252	High Grade Acid Phosphate	Butler (K. K.)	.....	.....	.....	.....	.12	.....	16.76	16.00	15.10	14.40
24224	High Grade Disolved Animal Bone	Baltimore	2.58	2.50	.....	.....	2.60	.....	12.27	12.00	26.08	24.40
23444	Ideal Grain & Grass Producer	Baltimore	.....	.....	3.73	4.00	.52	.....	10.24	10.00	13.05	13.00
23445	Liberty Bell Potash Mixture	Baltimore	.....	.....	3.25	3.00	.40	.....	12.13	12.00	14.25	13.80
23467	No. 1 Phosphate & Potash	Singerly	.....	.....	3.13	3.00	.50	.....	6.77	6.00	9.32	8.40
23419	No. 2 Phosphate & Potash	Melrose	.....	.....	4.69	5.00	.27	.....	8.47	8.00	12.36	12.20
23559	Old Sledge Phosphate	Baltimore	.....	.....	5.08	5.00	.47	.....	12.07	12.00	16.03	15.80
23250	Pure Raw Bone	Butler (K. K.)	4.52	4.00	.....	.....	*20.72	*20.59	.....	.....	30.51	28.35
23389	Special Potato & Tobacco Fert.	Cockeysville	1.72	2.00	5.18	5.00	1.05	.....	9.01	9.00	23.29	23.80
23251	Special Potato & Tobacco Fert.	Butler (K. K.)	1.86	2.00	4.76	5.00	.82	.....	9.45	9.00	23.87	23.80
23477	Sweep Stakes Sure Shot Phos.	Perryman	2.75	3.00	8.04	8.00	1.37	.....	8.05	7.00	29.25	28.40
22976	Triumph Brand Phosphate	Baltimore	1.51	1.50	3.52	4.00	1.02	.....	8.75	8.00	20.47	19.60
	Wooldridge Fertilizer Co., Baltimore, Md.												
23431	Curacao Guano	Germantown	.....	.....	.....	.....	13.90	14.00	9.51	10.00	11.34	11.80
24218	Old Hickory	Baltimore	1.30	1.25	2.02	2.00	.65	.50	9.01	8.00	18.29	16.80
23568	Orchilla Guano	Pocomoke City	.....	.....	.....	.....	14.40	11.00	9.51	9.00	11.44	10.30
23560	Tiger Bone Stock Phosphate	Baltimore	1.35	1.25	4.70	4.50	.72	.....	8.35	8.00	20.41	19.10
24219	Virginia Belle Potash Mixture	Baltimore	.....	.....	3.26	3.00	.32	.50	12.65	12.00	14.71	13.90
	York Chemical Works, York, Pa.												
23390	Dempwolf's Acid Phosphate	Cockeysville	.....	.....	.....	.....	.72	.....	13.94	14.00	12.69	12.60
23454	Dempwolf's Half & Half	Monkton	1.01	1.00	1.14	1.00	1.50	.....	7.95	7.00	15.32	13.40
23420	Dempwolf's Harvest Queen	Westminster	1.06	1.00	2.19	2.00	.87	.....	8.33	8.00	16.78	15.60
23455	Dempwolf's Plow Brand	Baldwin	1.60	2.00	2.49	2.00	.95	.....	7.82	8.00	18.65	19.60
23456	Dempwolf's Pure Ground Bone	Monkton	3.01	3.00	.....	.....	*22.44	*23.00	.....	.....	25.50	25.80
23421	Dempwolf's Red Cross	Carroll Co	.....	.....	4.84	5.00	.25	.....	10.97	10.00	14.76	14.00
23457	Dempwolf's Standard Potash	Baldwin	.75	1.00	4.20	4.00	.92	.....	7.35	8.00	16.39	17.60
23391	Dempwolf's Standard	Cockeysville	1.62	2.00	5.79	5.00	1.50	.....	7.35	8.00	21.29	22.60
23422	Dempwolf's Wheat Special	Carroll Co	.....	.....	1.91	2.00	.55	.....	9.94	10.00	10.97	11.00

a As Sulfate. *Total Phosphoric Acid.

Fertilizer Law of Maryland.

Section 1. That the term "fertilizer," as used in this Act, shall be held to mean any commercial fertilizer, or any article, substance or mixture sold, offered or exposed for sale for manurial purposes within this State, of which the selling price shall be more than ten dollars per ton of two thousand pounds.

That the term "brand," as used in this Act, shall be held to mean the same under which the commercial fertilizer is sold, together with the statement of the percentage of valuable ingredients contained therein.

That the professor in charge of the Chemical Department of the Maryland Agricultural College shall be ex-officio State Chemist, or (that the term State Chemist, as used in this Act, shall mean the professor in charge of the Chemical Department of the Maryland Agricultural College).

Sec. 2. And be it enacted, That before any fertilizer is sold, offered or exposed for sale within the State, the following conditions must be complied with: (1) The importer, manufacturer, manipulator, dealer or agent shall take out a license for the sale of fertilizer, which license shall be rated upon the number of brands contemplated to be sold at the rate of fifteen dollars for each brand; said license to be prepared and furnished by the Comptroller of the Treasury, and to be issued at any time, to be good until the first day of February following; provided that when any such importer, manufacturer or manipulator shall have taken out a license as herein provided, it shall not be necessary for any other person, as his agent or representative, to take out a license to sell the fertilizers provided for by the party who had taken out such license. (2) Every bag, barrel or package of fertilizer, and every parcel or lot, if sold in bulk, must bear the legible print, or be accompanied by a clear and true statement, showing the net pounds of fertilizer in the package or lot, the name, brand or trade-mark under which the fertilizer is sold, the name and address of the importer, manufacturer or manipulator, the place of manufacture or manipulation, and a chemical analysis stating the percentum of the minimum, and only the minimum, contained therein of nitrogen or its equivalent in available ammonia, of potash soluble in distilled water, and of available phosphoric acid.

Sec. 3. And be it enacted, That any failure to comply with any or all of the conditions provided in Section 2 of this Act, shall be punishable by a fine of one hundred dollars ($100) for the first offense, and two hundred dollars ($200) for every subsequent offense.

Sec. 4. And be it enacted, That any person, firm or company selling or offering for sale any fertilizer in this State, or intending so to do, and not licensed by the Comptroller, as provided by this Act, shall on and before the thirty-first day of July in each and every year, send his or their name or names, with the postoffice address, and the names of the kinds, brands and trade-marks, and of the manufacturer, importer or manipulator of each fertilizer sold or proposed to be sold, to the Maryland Agricultural College, and the same shall be registered in suitable books kept for that purpose,

and any failure to comply with the provisions of this section shall be punishable by a fine of twenty-five dollars ($25) for the first offense, and of fifty dollars ($50) for every subsequent offense.

Sec. 5. And be it enacted, That it shall be the duty of the Maryland Agricultural College to analyze, without cost or charge, all samples of fertilizer sent to it for the purpose of being analyzed by any person, or persons purchasing or procuring the same in this State for his or their use or uses; provided, such persons are not interested in the analysis desired other than a consumer, of which affidavit shall be made and shall accompany each sample or brand; and further, such samples are taken and sent as described by this Act and free of cost of transportation to said College, and it shall be the duty of the Maryland Agricultural College to procure samples, as far as practicable, in every year, of all the fertilizers sold and used in this State, for the purpose of analyzing the same, and any duly authorized agent or representative of the said College shall have the right to take samples, as provided by this Act, from any lot or parcel of fertilizer in transit or in possession or keeping of any manufacturer, manipulator, dealer or agent, and sold or offered for sale in this State, and it shall be the duty of the Maryland Agricultural College to send in the result of every sample of fertilizer to the persons from whom such sample was taken or received, and also to publish from time to time the results of the analysis made by the said College of the samples sent to or procured by it for such purpose, and it shall be the duty of the Maryland Agricultural College, when reporting or publishing the result of any analysis made, to state the commercial value in dollars and cents of the fertilizer so analyzed, per ton of two thousand pounds, such value to be based upon the analysis made by the College, and upon a standard of valuation to be ascertained, fixed and published by said College, annually, after conference with the proper officials of adjacent States.

Sec. 6. That all samples of fertilizer for analysis at the Maryland Agricultural College shall be taken from unbroken packages or bags that have not been damaged or injured in transit or by exposure, and when in the possession of the purchaser or purchasers within thirty (30) days after coming into their possession, it shall be lawful for any such purchaser or purchasers of any such manures or fertilizers, provided that he be not a manufacturer, manipulator or agent of either, to take from any such unbroken packages or bags, a sample, not exceeding two pounds, placing the same in bottle or bottles, jar or jars, which shall then be corked tightly and forwarded to the Maryland Agricultural College for analysis, that it shall not be lawful for the said Agricultural College, or its chemists, to previously demand of any such purchaser or purchasers so sending said sample or samples for analysis, to give advices, information or statement to the said College or its chemists as to any analysis found on the original unbroken packages or bags from which said sample or samples were taken, or the name or names of any individual, representative, agent or corporation or firm from which said manures or fertilizers were purchased; and it shall be the duty of the Agricultural College to have its proper and authorized chemist to at

once make a full and complete analysis of the manures or fertilizers contained in such bottles, jar or jars, and within thirty (30) days thereafter return to such person or persons from whom the sample or samples were received a full and complete analysis of the said manures or fertilizers sent for analysis. And it shall be unlawful for any individual or any representative or agent of any corporation or firm, or any corporation or firm itself, to have, either directly or indirectly, communication with the Agricultural College or its chemist, agent or representative, or the sender of any sample with regard to the analysis of any manures or fertilizers sent to the Agricultural College by the purchaser or purchasers thereof for analysis under the provisions of this section, nor shall the Agricultural College nor its chemist nor its agent or agents, or the sender of any sample, furnish any information or communicate with the manufacturer of fertilizers about any such sample submitted for analysis until after a report of said analysis shall have been duly furnished to the applicant for such analysis under this section; provided, that all samples sent to the Maryland Agricultural College by any purchaser or purchasers, shall be drawn from at least five per cent of the total number of bags purchased; these samples to be thoroughly mixed in a clean, dry place, and a suitable sample shall be taken from said mixture and placed in a suitable vessel or vessels, carefully closed, with an identifying label, and the same then taken or sent by safe carriage to the said College for analysis; every sample for analysis by the State Chemist, as provided for by this section, shall be fully described in forms to be furnished by said chemist free of charge, said description giving a full and complete statement of the time and place of sampling of all marks on the bags or packages thereof, and all of the facts relating to the same, said description and statement shall be made under affidavit before a justice of the peace or notary public, and the same shall be retained as confidential by said justice or notary until required by this Act to be sent to the State Chemist; provided, further, that the purchaser or purchasers sending such sample or samples of fertilizer shall withhold said description or descriptions of said sample or samples until he has received the report of the said State Chemist of the analysis of the same.

Any person or persons receiving an analysis from the State Chemist under this Act, shall immediately thereafter forward to him the statement required by this Act, to be made at the time of taking the sample or samples, and any person or persons violating the provisions of this section shall be punished by a fine of one hundred dollars; and any manufacturer, agent or representative who shall be convicted of making false and fraudulent representations as to the quality and constituent elements of any fertilizers by the printed analysis upon any such bag or packages shall be fined one hundred ($100) dollars for the first offense, and two hundred ($200) dollars for every subsequent offense thereafter; and the report of the analysis of any such sample of fertilizer sent to the Agricultural College for examination under this Act shall be prima facie evidence as to the quality of the lot of fertilizer from which said sample was taken.

Sec. 7. And be it enacted, That the funds received by the Comptroller from the licenses issued under this Act shall be paid into the Treasury, and be set apart as a specific fund to pay the cost and expenses of conducting the analysis provided for in section five of this Act, and the Treasurer shall semi-annually pay over to the Maryland Agricultural College the money received from said licenses; provided, that the amount paid in any one year shall not be more than at the rate of fifteen dollars ($15) for each sample of fertilizer analyzed by the said College.

Sec. 8. And be it enacted, That any purchaser of fertilizer who shall be injured or defrauded by the contents of the bag, barrel or other packages, not conforming in quantity or quality to the marks, labels or statements on or accompanying the same, may recover from the seller or sellers thereof, in an action of debt, an amount equal to the purchase money of said fertilizer and the cost of suit; and in case the purchase is made of an agent of any person or persons residing out of the limits of the State of Maryland, or company or corporation whose principal place of business is out of the State, manufacturing, compounding, preparing and furnishing for sale any such commercial fertilizer, the purchaser thereof may, at his or her option, proceed by attachment, as now provided for by law in cases of non-resident and absconding debtors, against any property, rights or credit of any person, persons, company or corporation selling, manufacturing, preparing, compounding or furnishing said fertilizer when such property, rights or credits can be found within the limits of the State of Maryland.

Sec. 9. And be it enacted, That any manufacturer, dealer, agent of other person or persons who shall adulterate, add to or take anything from any fertilizer sold or offered for sale within this State, or who shall use the brand or trade-mark of any manufacturer or dealer other than his own, shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof in any Court having jurisdiction, be punished by a fine not exceeding two hundred dollars ($200), and imprisonment in jail not exceeding six months, or by fine and imprisonment at the discretion of the Court before whom he shall be tried.

Sec. 10. And be it enacted, That this Act shall not effect parties importing, manufacturing or manipulating fertilizer for their own use, if not sold or disposed of; and it shall not apply to substances and materials sold in bulk to manufacturers or manipulators of fertilizer, and nothing in this Act shall prevent the buyer and seller from making contracts in reference to the price to be paid dependent upon the composition or quality of the fertilizer contracted for, but no arrangement or agreement, verbal or written, made by or between any seller and buyer of fertilizer in this State, for the purpose of exonerating the seller or manufacturer from liability for any violation of any of the provisions of this Act, shall exempt any person from such liability.

Sec. 11. And be it enacted, That it shall be the duty of all State's Attorneys to prosecute all persons accused of violating this Act, or any of the provisions of this Act, or of the Act to which this is a supplement.

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